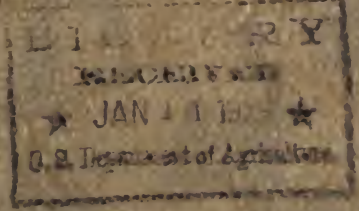


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Marshall's

MATCHLESS

Seeds

1929

W. E. MARSHALL & CO., Inc.
150 WEST TWENTY THIRD ST.
NEW YORK

SEASON OF 1929

GENERAL DIRECTIONS

ORDER EARLY. We request our customers to order as early as possible on receipt of catalogue. We endeavor to ship all orders immediately on receipt, but during the busy season it is almost impossible; hence, the importance of ordering early. Orders for Bulbs, Plants and Nursery Stock will be shipped in due time for planting in season.

PARCELS POST. We deliver free by Parcels Post all seeds, except Beans, Corn, Peas, Farm Seeds or Clovers. If these are wanted by mail, please add the cost of postage at zone rates.

Fertilizers, insecticides, sundries, trees and plants are at all times excluded from free delivery.

No charge for delivery to railroad station, steamer or express office.

ESTATE SUPERINTENDENTS, GARDENERS AND FARMERS. Parties requiring the services of reliable men, married or single, should consult with us, as we have the names of a number on our register, thoroughly experienced in every branch of the business. We have a large acquaintance among gardeners in this vicinity, and it is seldom that anyone who applies to us fails of getting the right party. There is no charge for this service.

SPECIAL NOTICE—PRICES

The prices published in this catalogue are subject to market changes without notice. Owing to the fluctuating market in prices of all materials, we cannot bind ourselves on prices of any articles.

Payment. All orders should be accompanied by cash in the form of Draft, Cheque or P. O. Order. Owing to the difficulty in collecting accounts, no order will be attended to unless accompanied by remittance, from parties unknown to us or those whose accounts remain unsettled.

C. O. D. SHIPMENTS. We are always pleased to supply seeds to be paid for on delivery. Bulbs, Plants, Fertilizers, Insecticides and Perishable Stock will not be sent C. O. D. unless 50 per cent cash accompanies the order.

WE ISSUE THE FOLLOWING CATALOGUES AND SPECIAL LISTS

AGRICULTURAL IMPLEMENTS, MACHINERY, ETC. A complete list of farm tools.

BULB CATALOGUE. Ready about July 1st, containing a complete list of all bulbs for Fall planting and greenhouse forcing.

GOLF COURSE AND TENNIS COURSE EQUIPMENT. Illustrated list.

LILIES. A complete list of over 100 varieties described and illustrated. (See boxed paragraph below).

ROCK GARDEN. Illustrated list containing over 300 varieties of plants and evergreen shrubs.

HARDY GARDEN LILIES

One of our specialties is "The Lily," and on that most interesting subject we have compiled the most comprehensive catalogue ever published and wherein all details of planting and culture will be found, including colored plates of nearly all the varieties in commerce. Owing to the great expense incurred in producing this valuable Lily book we are obliged to charge one dollar for same, which will be credited to the purchase of the first order for Lilies to the amount of three dollars or over. This means that credit slip for one dollar received with book should be sent with your first order for lilies amounting to \$3.00 or over.

W. E. MARSHALL & CO., Inc.

150 WEST 23d STREET, NEW YORK

TELEPHONES: CHELSEA 3288, CHELSEA 0916

LOCATION OF OUR STORE—Our store, No. 150 West 23rd Street, is situated between Sixth and Seventh Avenues.

(Index, see page 124)



Marshall's Matchless Flower Seeds

ALL FLOWER SEEDS ARE MAILED FREE AT PACKET, OUNCE AND
POUND RATE TO ANY POST OFFICE IN THE UNITED STATES

The following list contains a most complete assortment of the choicest and most popular flowers for either conservatory, greenhouse or garden culture.

Annuals grow from seed, flower, mature their seed, and die in one year, or, in other words, the same season.

Hardy Annuals are those which can be sown in the open ground.

Half-Hardy Annuals are those which should be started early in the house, conservatory or hotbed, and transplanted to the garden in settled warm weather.

Biennials grow from seed, sown from June to August, flower, ripen their seed and die the next year, though some varieties bloom the same season if sown early in gentle heat.

Hardy Biennials will winter in the open ground without protection.

Perennials grow from seed, and continue flowering annually for many years after the first season. Some varieties flower the first season if planted early in gentle heat.

Half-Hardy Biennials require the protection of a coldframe or cool house during Winter.

Hardy Perennials can remain in the open ground during Winter without protection.

Half-Hardy Perennials require the protection of a coldframe or cool house during the Winter.

Tender or Greenhouse Perennials require window or greenhouse culture, free from frost during Winter and thrive in the garden during the warm months.

EXPLANATION OF FLOWER SEED ABBREVIATIONS

H.A. designates **Hardy Annuals**—Lasting but one year.
H.H.A. " **Half-Hardy Annuals**—Lasting but one year.
H.B. " **Hardy Biennials**—Lasting but two years.
H.H.B. " **Half-Hardy Biennials**—Require protection during Winter.
H.P. " **Hardy Perennials**—Lasting three or more years.

H.H.P. designates **Half-Hardy Perennials**—Require protection during Winter.
H.C. " **Hardy Climber**—Lasting three or more years.
G.P. " **Greenhouse Plant**.
H.A.C. " **Hardy Annual Climber**.



Novelties and Specialties in Flower Seeds

The growth of our Flower Seed Business is indicative of the discrimination of our clients, who recognize in our seeds a superiority not to be found in cheaper grades or strains. Prize winning or selected strains of flowers seeds cost a little more than inferior grades but the results are infinitely superior.



Calendula "Campfire."

ANCHUSA Annual "Blue Bird." A compact grower, bearing its flowers in a glorious bouquet at the top of the plant. The blossoms, of vivid indigo blue, are very effective in beds or borders. **Per packet 50c.**

—*Italica grandiflora*. "PICOTEE." A decidedly meritorious and showy bi-color variety in deep blue and white. An indispensable perennial for border, shrubbery or cut flower use. **Per packet 35c.**

AQUILEGIA *Coerulea cuprea* "Copper Queen." The long spurred hybrids of the Columbine deservedly enjoy ever increasing popularity. A gorgeous new shade has been added to the riot of colors in which they are now available. A rich glowing coppery red with long spurs of deeper hue. The seed we offer can be relied upon to yield about 80 per cent true to type seedlings. **Per packet 35c.**

CALENDULA "Campfire." An improved form of the popular "pot marigold" of very vigorous growth and giving prodigally of its massive flat blossoms. The flowers are much larger than those of any calendula previously introduced. The color is a brilliant orange with a scarlet sheen and with full yellow center. Fine for forcing. **Per packet 50c. ¼ oz. \$3.50.**

DAHLIA Seed. Dahlia "fans" who "grow their own" will find a message of vast importance to them on page 57.

DIMORPHOTHECA "Salmon Beauty." A large flowering African Daisy of a pleasing true salmon shade; a valuable addition to the list of African Daisies. **Per packet 50c.**

—"White Beauty." A white form of the above. **Per packet 50c.**

DELPHINIUM "Wrexham" Hybrids. Though no longer to be included in the category of novelties this superior strain of "hardy Larkspur" so far outclasses all other types, that we again wish to focus the attention of flower lovers on it. Massive broad based spires in many gorgeous shades. Our Wrexham strain is rapidly replacing the various other types hitherto offered, as the last word in Delphiniums. Wrexham Delphiniums are at their best silhouetted against a clump of *Lilium Candidum*. **Per packet \$2.00.**

INCARVILLEA *Variabilis* Hybrids. A new perennial, which if planted early in the spring, can be handled as an annual. The colors range from yellow and white to deep pink, with many shades of pink in the collection. Valuable for borders with its attractive trumpet shaped flowers. **Packet 50c.**

LARKSPUR "Exquisite Pink Improved." Eight years ago Larkspur Exquisite Pink was introduced and at once became the criterion by which all other Larkspurs were judged. In offering this "Improved" variety we feel that it will outclass and eclipse all other forms. It is of vigorous growth, upright in habit and comes nearly 100 per cent true from seed. **Per packet 50c.**

LILY SEED. Our reputation as "The House of Lilies" has resulted in a brisk demand for seeds of some of the more easily grown types and such Lily enthusiasts who desire to exercise patience in the growing of Lilies in this way will find a list of varieties, that we now offer, on Page 61.



Incarvillea variabilis hybrids



FLOWER SEED SPECIALTIES—Continued

MARIGOLD "Marshall's Giant or Tree."

In type it closely resembles a French Marigold but the colorings and size of flower are much superior. They grow from 4 to 5 feet high making a fine decorative plant and the flowers do not have the unpleasant odor of the Marigold. **Per packet 35c.**

PANSY "Marshall's Apricot Bedder." Here

we offer a splendid bedding Pansy of large size and of exceptionally fine color which is best described as a rich deep apricot deepening towards the center. This, grown in conjunction with Giant Pansy "King of the Blacks" (offered on Page 18) will provide an uncommonly beautiful color combination. **Per packet 50c.**

SCABIOSA "Columbaria." This is a South

African form of the European Scabious and although reminiscent of Caucasica is a distinct type. Of dwarf, compact habit the flowers are gracefully borne on long, strong stems. The individual blossoms often measuring from two to two and one half inches in diameter. Separate colors, pink and lavender. **Each per packet 75c.**

STOCK "Blanche Fournier." When this

novelty was called to our attention last summer, we were impressed with the color and fine habits of the plant. The color, best described as "Rose du Barry" or "Ashes of Roses," is one of those exquisite pastel shades which must be seen to be appreciated. For cutting or for massing in the borders, this stock will be found most effective. The flowers are double and the seed may be expected to yield about 75 per cent double flowers. See colored illustration on Page 4A. **Per packet \$1.00.**

SWEET PEA "Pinkie." "Pinkie" is a

massive flower of deep, rich rose pink; a vigorous grower and continuous cropper with outstanding long stems. The flowers are nicely waved and well placed on the long stems. The rose pink color of the flower is free from blueness. We predict a long reign of popularity for "Pinkie" both as an exhibition as well as a garden variety. **Per packet 25c.**

VERBASCUM Large Flowered Hybrids.

An old fashioned perennial which, through the skill of the "plant wizards" or hybridists, has been much improved in form and color and the strain we offer has been grown by one of Europe's specialists for our trade. Splendid for bold clumps or for massing in shrubbery, border or wild garden, where their tall spikes of color show to best advantage. **Per packet 35c.**

NEW AND DISTINCTIVE SHRUBS

AZALEA *Mucronulatum*. Flowering with

Porsythia in early Spring. Most of the early Spring blooming shrubs carry flowers that shade to yellow, even the foliage seems to reflect the ever present yellowish tones. It is a distinct relief to find a plant that brings the contrasting colors of lavender and soft pink. The plants are deciduous and perfectly hardy the same as our native Azaleas. **2½ to 3 ft. \$7.00 each.**

PHILADELPHUS *Virginal*. A handsome

erect shrub which covers itself with very large double white flowers in June and continues to bloom at the tips of the new shoots all Summer and Fall. It is the favorite of all lovers of these beautiful shrubs. **2 to 3 ft. \$1.00 each.**



Marigold Marshall's "Giant or Tree."

VERBENA *Hybrida colossea*. "Etna."

Robust and compact habit, the trusses are immense and the individual florets measure one inch across. Color intense Paul Campbell geranium red with a small creamy yellow eye. **Packet 50c.**

—*Hybrida Colossea*. "Royale." The color is a rich deep royal blue with a large creamy yellow eye. Flowers of enormous size. **Packet 50c.**

—*Hybrida Colossea*. "Rose Cardinal." An exquisite shade of rose with large white eye. Immense trusses of large individual florets. **Packet 50c.**

KOLKWITZIA *Amabilis*. (Beauty

Bush.) An exceedingly handsome and ornamental shrub which is perfectly hardy as far north as Montreal. It grows 6 to 9 ft. high when mature and as much in diameter. Arching branches are covered in Spring with clusters of small tubular flowers, borne in such profusion that the bush is one cloud of delicate pink. **18 to 24 in. \$2.50 each.**

VIBURNUM *rhytidophyllum* (Leather-

leaf Viburnum.) A bold handsome Evergreen shrub with large oblong leaves deep green above, gray beneath. Flowers yellowish white. Fruit red to black. Forms a plant of most striking appearance. **18 to 24 in. \$3.50 each.**



Alyssum Saxatile



Ageratum, Little Blue Star



Anemone Coronaria

GENERAL LIST of FLOWER SEEDS

For Explanation of Abbreviations, See Page 1.

	Pkt.		Pkt.
ABRONIA umbellata. H.A. Trailing annual, pink flower trusses. 9 in.	1/4 oz. 25c. .10	ALSTROEMERIA HYBRIDS.	
ABUTILON. New Hybrids. G.P. Large bell-shaped flowers. Mixed colors. ....	.25	Mixed. Lily-like perennials with clusters of flowers on long stems in yellow and orange-red shades. 3 ft.	\$0.25
ACACIA. G.P. Finest mixed, elegant Winter and Spring flowering plants. ....	.15	ALYSSUM. H.A. Pretty little plants for beds, vases, baskets, edgings or rockwork; blooming profusely all Summer.	
ACHILLEA ptarmica, "The Pearl." H.P. Double white flowers.	1/4 oz. \$1.00 .25	maritimum (Sweet Alyssum). Fragrant, white; flowers all Summer. 6 in.	oz. 50c. .10
ACONITUM napellus. H.P. Dark blue flowers in August.	1/4 oz. \$1.00 .15	maritimum compactum, Little Gem. Grows erect; fine for edging.	oz. \$1.00 .10
Wilsoni. Light blue flowers in large trusses. ....	.25	Benthami compactum, Lilac Queen. Pure lilac flowers, dwarf and compact growth. 6 in.	1/4 oz. 35c. .10
ACROCLINIUM. H.A. Pretty everlasting flowers; fine for Winter bouquets. 1 ft. ....	.10	Benthami compactum lutescens. Yellowish flowers on strictly upright flower spikes. 6 in.	1/4 oz. 35c. .10
album. Pure white; double flowers. 1/4 oz. 25c. .10		procumbens (Carpet of Snow). Dwarf; pure white. 4 in.	1/4 oz. 50c. .10
roseum. Bright rose; double flowers. 1/4 oz. 30c. .10		saxatile compactum. H.P. Spring-blooming Alyssum with yellow flowers. 12 in. 1/4 oz. 75c. .15	
Finest Mixed Colors.	1/4 oz. 20c. .10	saxatile, Silver Queen. An early Spring-blooming perennial with masses of pale lemon flowers. 6 in. ....	.25
ADONIS autumnalis. H.A. Crimson flowers with dark centers. 1 ft.	1/4 oz. 25c. .15	AMARANTHUS. H.A. Ornamental foliage plants, producing a striking effect either in the conservatory or flower garden.	
vernalis. H.P. Large, yellow; flowers in early Spring. 9 in.	1/4 oz. 75c. .15	caudatus (Love-lies-bleeding). Long drooping crimson spikes. 3 ft.	1/4 oz. 35c. .10
AGATHAEA coelestis (Blue Marguerite). H.H.P. Pretty blue Daisy-like flowers. An excellent pot plant. 1 1/2 ft. ....	.25	salicifolius (Fountain Plant). Distinct variety, with graceful drooping leaves. 2 ft. 1/4 oz. 35c. .10	
AGERATUM. H.A. Blooms throughout the Summer; feathery flowers in clusters.		tricolor (Joseph's-coat). Leaves red, yellow and green. 2 ft.	1/4 oz. 50c. .10
mexicanum. Fine for bedding or pot culture. Blue. 1 1/2 ft.	1/8 oz. 30c. .10	AMPELOPSIS Veitchi (Japanese Woodbine, or Boston Ivy). H.C.	1/4 oz. 40c. .10
mexicanum album. A beautiful white variety. 1 1/2 ft.	1/8 oz. 30c. .10	ANAGALLIS grandiflora. H.H.A. Mixed colors. Showy garden plant. 6 in. 1/4 oz. 35c. .10	
Imperial Dwarf Blue. Extra neat; fine for edging. 9 in.	1/8 oz. 50c. .15	ANCHUSA capensis. H.A. Flowers resembling large Forget-me-nots. 18 in.	1/4 oz. 75c. .10
Imperial Dwarf White. Pretty for contrast; fine for edgings. 9 in.	1/8 oz. 50c. .15	grandiflora (Dropmore Variety). H.P. Large flowered, dark blue. 5 ft.	1/2 oz. 50c. .15
Blue Perfection. Very fine dwarf. 9 in. 1/8 oz. 50c. .15		ANEMONE. H.P. A very pleasing perennial, producing large flowers. 12 in.	
Little Blue Star. Light blue; fine for carpet bedding. 6 in.	1-16 oz. \$1.00 .25	coronaria, St. Brigid (Poppy Anemone). Mixed colors.	1/8 oz. 50c. .15
Princess Victoria Louise. Dwarf, light blue, white center. 9 in.	1/8 oz. \$1.00 .25	ANGELONIA grandiflora. G.P. A sweet-scented greenhouse plant with dainty mauve sprays of flowers. 2 ft. ....	.25
Swanley Blue. A fine, large-flowered sort. 1 ft.	1/8 oz. 50c. .15	ANTHEMIS Kelwayi. H.P. Very pretty small flower, like a yellow, single Chrysanthemum. 6 in.	1/4 oz. 75c. .15
AGROSTEMMA coelirosa (Rose of Heaven) H.A. Bright rose; excellent for cutting. 18 in. 1/4 oz. 35c. .10			
coelialba. White.	1/4 oz. 25c. .10		
coronaria (Rose Campion). H.P. Crimson flowers, silver foliage. 2 ft.	1/4 oz. 35c. .10		
ALONSOA Warscewiczii compacta. H.A. For pot culture or outside planting. Foliage dark green with racemes of bright scarlet flowers. 15 in. ....	.25		



STOCK "Blanche Fournier"

A good double stock will always win the admiration of flower growers but in "Blanche Fournier" we offer a double stock of fine form and texture and of exceptionally choice color. It is best described as a "rose du Barry" or "ashes of roses", an exquisite pastel shade which caused unbounded admiration in the garden of the originator. **Per Pkt. \$1.00.**



TRITOMA RUFA

A charming hybrid Tritoma of very refined habit and dwarf growth; very free flowering when well established. Requires some protection in Winter.

Price 40 Cents Each; Ten for \$3.50

NEW
TRITOMA
RUFA



Aquilegia, Long-spurred



Antirrhinum Matchless



Arctotis grandis

ANTIRRHINUM H.H.B. The Snapdragon is one of our finest biennials, flowering the first year as annuals. Their rich colors and keeping qualities as cut flowers make them most desirable.

Greenhouse Forcing Varieties:		Pkt.
Geneva Pink. Exquisite deep pink.....		\$1.00
Helen. Glowing salmon.....		1.00
Jennie Schneider. Soft brilliant pink.....		1.00
Keystone. Fine forcing pink.....		.50
Orlando. A beautiful bronze.....		1.00
Penn-Orange. Vivid orange with yellow and pink shadings.....		1.00
Philadelphia Pink. A beautiful pink.....		.50
Silver Pink. Ramsburg strain.....		.50
Scarlet Giant. A fine forcer.....		.25
Matchless White. A selected strain.....		.50
Matchless Yellow. A fine strain.....		.50

Large-flowering Half-Dwarf Varieties. The best for bedding purposes, growing about 18 inches high.

Black Prince. Dark-leaved, blackish crimson purple.....	1½ oz. 50c.	.15
Defiance. Fiery scarlet.....	1½ oz. 50c.	.15
Golden Queen grandiflora. Pure yellow.....	1½ oz. 50c.	.15
Queen of the North. White.....	1½ oz. 50c.	.15
roseum superbum. Rosy-pink.....	1½ oz. 75c.	.15
Silver Queen. A distinct color of pure silvery lilac. A beautiful color under artificial light.....		.15
The Bride. White, changing to delicate rose.....	1½ oz. 50c.	.15
Fine Mixed. All colors.....	1½ oz. 60c.	.15
Collection of six above varieties.....		.75

Marshall's Giant-flowering Varieties. These grow about 3 feet high and are all of the large-flowering types.

Bonfire. Bright cinnabar red, yellow blotch.....	1½ oz. 75c.	.15
Coral Red. Rich, with red throat.....	1½ oz. 75c.	.15
Defiance. Fiery scarlet.....	1½ oz. 75c.	.15
Firefly. Scarlet and white.....	1½ oz. 50c.	.15
Indian Summer. A rich velvety and glossy copper color.....	1½ oz. \$1.00	.25
Queen Victoria. Large white.....	1½ oz. 50c.	.15
roseum. Rose.....	1½ oz. 50c.	.15
Ruby. Pure ruby red.....	1½ oz. 50c.	.15
Salmon Pink. Very large-flowering.....	1½ oz. 75c.	.15
Striped. Odd and pretty.....	1½ oz. 50c.	.15
Venus. Delicate rose on white ground.....	1½ oz. 50c.	.15
Giant Yellow.....	1½ oz. 60c.	.15
Giant Large-flowered Mixed. Fine variety of colors.....	1½ oz. 50c.	.10
Collection of six distinct varieties.....		.75
Collection of twelve distinct varieties.....		1.50

AQUILEGIA (Columbine.) H.P. Pkt.

Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in Spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

Marshall's Matchless Long-spurred Hybrids. A grand variety of colors of the long-spurred and large-flowered forms. 3 ft.

caerulea hybrida. Large flowered blue hybrids. 3 ft.....	1½ oz. 75c.	.25
chrysantha. Long-spurred, golden yellow. 2 ft.....	1½ oz. 75c.	.25
chrysantha grandiflora alba. Large pure white. 2 ft.....	1½ oz. \$1.00	.25
glandulosa vera. Dark blue and white. 12 in..		.25
Marshall's Rose Queen. A beautiful selection of long-spurred rose shades.....		.25
Skinneri. A beautiful scarlet, tipped green. 2 ft.....	1½ oz. \$1.00	.25
Collection of five choice varieties.....		1.00
Single. Mixed colors.....	1½ oz. 75c.	.15
Double-flowering. Mixed colors.....	1½ oz. 75c.	.15

ARABIS alpina. H.P. Excellent for borders or rockwork. Pure white. 6 in..... 1½ oz. 50c. .15

ARCTOTIS grandis. H.A. Daisy-like flowers: white shaded blue. 2 ft..... 1½ oz. 50c. .15

ARMERIA, Giant Thrift. H.P. A pretty edging plant with deep pink flowers. 12 in. 1½ oz. 75c. .15

ASPARAGUS plumosus nanus. G.P. Graceful and feathery bright green foliage. 3 ft. 100 seeds \$1.00 .25

sprengeri. A handsome variety of rapid growth for hanging baskets. 3 ft. 100 seeds 50c. .15

ASPERULA odorata (Woodruff). H.P. The white flowers and foliage are perfumed. 12 in. .15

ASTER. (Perennial.) Michaelmas Daisy. Delavayi. H.P. A charming new introduction with large lavender flowers and center disc of jet black. A superb plant..... .50

Farreri. H.P. The flowers are single with violet-mauve petals and a large golden-orange disc, often 2½ inches in diameter produced on long, stiff naked stems. Commencing to bloom in May..... .50

Michaelmas Daisy. H.P. Large flowering, hardy mixed. Fall flowering varieties: rich shades of purples, lavenders, etc. 2½ ft. ½ oz. \$1.00 .25



Aster, Ostrich plume



Aster, Perennial



Auricula

ASTERS

Plants from seeds sown in the open ground in May bloom finely in September and October, when the flowers are seen at their best. For July and August flowers sow in March or April, in coldframe, spent hotbed, or pots and boxes in the house. Cover the seeds about half an inch deep with rich, light soil, and when the plants have three or four leaves, transplant about 18 inches apart each way into well prepared beds.

CHRYSANTHEMUM - FLOWERED.

Dwarf. A splendid variety of compact habit. 12 in.

	$\frac{1}{4}$ Oz.	Pkt.
Apple Blossom.....	\$1.25	\$0.15
Dark Blue.....	1.25	.15
Fiery Scarlet.....	1.25	.15
Light Blue.....	1.25	.15
White.....	1.25	.15
Rose.....	1.25	.15
Finest Mixed Colors.....	1.00	.15

CREGO'S GIANT. Very early; on style of Queen of the Market, but with fluffy, graceful large flowers. 2 ft.

Crimson.....	1.00	.15
Lavender.....	1.00	.15
Purple.....	1.00	.15
Rose.....	1.00	.15
White.....	1.00	.15
Finest Mixed. All colors.....	.75	.15

GIANT BRANCHING COMET. A Giant Comet type of Branching Asters. All large, full flowers. 2 ft.

Crimson.....	.75	.10
Lavender.....	.75	.10
Light Pink.....	.75	.10
Royal Purple.....	.75	.10
Rose.....	.75	.10
White.....	.75	.10
Finest Mixed Colors.....	.75	.10

IMPROVED GIANT BRANCHING. The flowers are large, fine for cutting. 2 ft.

Crimson.....	1.00	.10
Dark Blue.....	1.00	.10
Light Blue.....	1.00	.10
Rose.....	1.00	.10
Shell Pink.....	1.00	.10
White.....	1.00	.10
Finest Mixed. All colors.....	1.00	.10
Collection of Six Varieties.....	...	.50

MARSHALL'S KING. Upright growth; large flowers, long, narrow petals. 2 ft.

Crimson.....	1.25	.15
Lavender.....	1.25	.15
Rose.....	1.25	.15
Violet.....	1.25	.15
White.....	1.25	.15
Finest Mixed.....	1.00	.15

ASTERS—(Continued.)

OSTRICH PLUME. Splendid class, fine for cutting. 18 in.	$\frac{1}{4}$ Oz.	Pkt.
Crimson.....	\$1.00	\$0.10
Light Blue.....	1.00	.10
Rose.....	1.00	.10
White.....	1.00	.10
Finest Mixed Colors.....	1.00	.10

QUEEN OF THE MARKET. The earliest of all; in full bloom two weeks before most other sorts. 18 in.

Crimson.....	.75	.10
Dark Blue.....	.75	.10
Light Blue.....	.75	.10
Pink.....	.75	.10
Rose.....	.75	.10
White.....	.75	.10
Choice Mixed. All colors.....	.60	.10

SINGLE SINENSIS. Popular for cut flowers. 18 in.

Light Blue.....	1.00	.15
Pink.....	1.00	.15
Scarlet.....	1.00	.15
Violet.....	1.00	.15
White.....	1.00	.15
Finest Mixed Colors.....	.75	.15

VARIOUS ASTERS.

Daybreak. A delicate pink Aster. The flowers are very double and globe-shaped. 2 ft. 1.25 .15

Enchantress Pink. Very large flowers, delicate pink. 1.25 .15

Everlasting, Flesh. This curious Aster resembles a large Helichrysum or Strawflower; when cut and dried it retains its color and shape as an everlasting flower. .25

Purity. Of the same type as Daybreak, differing only in color, which is a pure white. 2 ft. 1.25 .15

Yellow Fancy. Canary-yellow flowers as large as the Giant Comet. Fine for cutting. 2 ft. 1.25 .15

ASTERS—Perennial varieties—See Page 5.

AUBRIETIA. H.P. Suitable for rock-work and herbaceous borders. 9 in. *græca.* Purple; trailing. .25
Leichtlini. Carmine; trailing. .25
hybrida grandiflora. Finest mixed colors. .25

AURICULA, Finest Mixed. H.P. Flowers resemble the polyanthus primrose. Many lovely shades of yellows, garnets, and purples with lighter centers. 6 in. .25

BACHELOR BUTTON. (See *Centaurea cyanus*).

BALLOON VINE. H.H.C. White flowers, followed by balloon-like seed pods. 10 ft. .10



Balsam, double



Brachycome



Calliopsis

- | | Pkt. | | Pkt. |
|---|---------------------|---|--------------------|
| BALSAM (Lady's Slipper). H.A. Showy and easily grown annuals. 18 in. | | <i>viscosa</i> . The salver-shaped flowers are of a bright violet-blue..... | .50 |
| Double Dark Blue..... | 1/4 oz. 50c. \$0.10 | CACALIA coccinea (Tasselflower). H.A. Scarlet flowers. 2 ft..... | 1/4 oz. 35c. .10 |
| Double Salmon..... | 1/4 oz. 50c. .10 | CALCEOLARIA hybrida grandiflora . G.P. Highly prized plants for conservatory and house decoration. | |
| Double Scarlet..... | 1/4 oz. 50c. .10 | Marshall's Matchless Strain . Rich and delicate colors, in the most marvelous variety of shades and marking..... | .50 |
| Double Yellow..... | 1/4 oz. 50c. .10 | Large Flowering "Dalkeith Park Strain." Finest varieties..... | .50 |
| Double White..... | 1/4 oz. 50c. .10 | rugosa Mixed . Bedding varieties. 12 in..... | .50 |
| Mixed Colors. Extra choice; double oz. \$1.00 | .10 | CALENDULA (Cape Marigold). H.A. Free and continuous flowering garden plants. 12 in. | |
| Collection Camellia-flowered. Six separate colors..... | .50 | Meteor . Double yellow, striped orange. oz. 50c. | .10 |
| BARTONIA aurea . H.A. Large single yellow flowers. 12 in..... | 1/4 oz. 30c. .10 | Prince of Orange . Orange, with dark eye. oz. 75c. .10 | |
| BEGONIA , Bedding Varieties. H.H.A. The following are of the Semperflorens type. | | Sulphur Crown . Double, yellow..... oz. 75c. .10 | |
| Dwarf Vernon . Richscarlet. 6 in. 1-16 oz. \$2.00 | .25 | The Ball . Very large, double orange flowers; long stems..... | 1/4 oz. \$2.00 .25 |
| Erfordi . Carmine bedder. 6 in. 1-32 oz. \$4.00 | .50 | Finest Mixed . All varieties..... oz. 50c. .10 | |
| gracilis rosea . Delicate rose. 9 in..... | .25 | CALLIOPSIS . H.A. Nothing is more effective than a large bed of these golden flowers. | |
| gracilis luminosa . Deep scarlet. 9 in..... | .25 | atrosanguinea . Rich dark red. 18 in. 1/4 oz. 30c. .10 | |
| Marshall's Crimson . Light green foliage, with large crimson fiery-red flowers..... | .50 | compacta, Crimson King . Deep bright scarlet. 18 in..... | 1/4 oz. 50c. .10 |
| gracilis Mignon . Scarlet flowers, foliage deep green, with red spots and border. 6 in..... | .25 | Golden Wave (Drummond). Pure yellow flowers, very large and showy..... | 1/4 oz. 50c. .10 |
| gracilis "White Pearl" . Pure white flowers, with light green foliage. 9 in..... | .25 | marmorata . Maroon and gold. 18 in. 1/4 oz. 50c. .10 | |
| Salmon Queen . Bright salmon flowers. 6 in. | .25 | tinctoria . Large bright yellow and maroon flowers. 2 ft..... | 1/4 oz. 50c. .10 |
| Vernon . Bronze foliage with scarlet flowers. 9 in..... | .25 | Dwarf, Finest Mixed . All shades of yellow, red and brown. 12 in..... | 1/4 oz. 30c. .10 |
| BEGONIA , Tuberous-rooted. G.P. Produce magnificent flowers; grown either in pots or for bedding. | | Tall Mixed . A grand variety for cutting. 2 ft. 1/4 oz. 30c. .10 | |
| Marshall's Giant Single, Mixed . 12 in..... | .50 | CALLIRHOE involucrata . (Poppy Mallow). H.P. Beautiful trailing plant; flowers large, crimson, with white center. 12 in. 1/2 oz. 75c. \$0.15 | |
| Marshall's Giant Double, Mixed . 12 in..... | .50 | CAMPANULAS . H.P. All the Campanulas can be grown in ordinary gardens and will flower from seeds the following year. | |
| Rex Varieties . Ornamental leaves. 12 in..... | .50 | carpatia . Deep blue; for rockeries, beds and edgings. 6 in..... | 1/4 oz. 50c. .15 |
| BELLIS perennis fl. pl. (Double English Daisy). H.P. Spring-flowering perennial. 6 in. | | carpatia alba . Flowers white. 6 in. 1/4 oz. 50c. .15 | |
| Longfellow . Dark rose..... 1/2 oz. \$1.00 .25 | | pyramidalis (Chimney Bell). Very conspicuous towering spikes, with clear blue flowers. 4 ft..... | 1/4 oz. \$1.00 .15 |
| Snowball . Pure white..... 1/2 oz. \$1.00 .25 | | pyramidalis alba . Pure white, 4 ft. 1/4 oz. \$1.00 .15 | |
| Giant Red . Dark red..... 1-16 oz. \$1.00 .25 | | persicifolia grandiflora, Blue . Superb large flowers. 2 ft..... | 1/2 oz. \$1.25 .25 |
| Giant Mixed 1/2 oz. \$1.00 .25 | | persicifolia grandiflora alba . A white-flowered variety..... | 1/2 oz. \$1.25 .25 |
| BLUE LACE FLOWERS (See <i>Didiscus caerulea</i>). | | persicifolia Telham Beauty . China blue, very large flowers. 2 ft..... | .50 |
| BOCCONIA japonica H.P. Very ornamental; flowers white. 6 ft..... | 1/4 oz. 50c. .15 | persicifolia grandiflora, Fine Mixed . Very showy. 2 ft..... | 1/2 oz. \$1.25 .25 |
| BOLTONIA asteroides . H.P. Pure white Aster-like flowers. 4 ft..... | .25 | | |
| latisquama . Pink flowers, tinged with lavender. 5 ft..... | .25 | | |
| BRACHYCOME iberidifolia . H.H.A. The well-known "Swan-River Daisy" is a beautiful little, half-hardy annual; pretty blue flowers. 18 in..... | 1/2 oz. 50c. .15 | | |
| iberidifolia, Mixed (Swan-River Daisy). For edging. 12 in..... | 1/4 oz. 50c. .15 | | |
| BROWALLIA . H.A. Profuse-blooming annual, highly prized for cutting. 2 ft. | | | |
| elata caerulea . Bright blue..... | .25 | | |
| roezli . Free flowering, bluish white..... | .25 | | |
| speciosa major . Flowers 1 1/2 to 2 in. across; blue, white throat..... | .25 | | |



Campanula media



Candytuft, White Perfection



Celosia pyramidalis

CAMPANULA—(Continued)

- media.** H.B. (Canterbury Bells). Old-fashioned, hardy biennials; splendid for borders or for naturalizing in the wild garden. 2 ft. Single
- Blue, Rose, Striped or White.** $\frac{1}{4}$ oz. 50c. \$0.10
- Mixed.** All colors. $\frac{1}{4}$ oz. 50c. .10
- Double**
- Blue, White or Rose.** $\frac{1}{4}$ oz. \$1.00 .15
- Mixed.** $\frac{1}{4}$ oz. 75c. .15
- calycanthema** ("Cup and Saucer"). A splendid variety with large, semi-double flowers resembling a cup and saucer. Fine for cut flowers or border use. 2 ft.
- calycanthema.** $\frac{1}{4}$ oz. \$1.00 .15
- Blue, Lavender, Rose or White.** $\frac{1}{4}$ oz. \$1.25 .15
- Mixed.** $\frac{1}{4}$ oz. \$1.00 .15

CANARY BIRD VINE. H.A.C. Pretty climber, with yellow, butterfly-like flowers. 10 ft. Oz. 50c. .10

CANDYTUFT. H.A. Showy plants, much grown in masses in beds or for edging. 12 in.

coronaria Empress. A large-flowered variety of purest white, grown extensively for cut flowers. 12 in. $\frac{1}{4}$ oz. 30c. .10

coronaria Little Prince. Very large heads of pure white flowers. 6 in. $\frac{1}{4}$ oz. 50c. .10

coronaria Giant Hyacinth-flowered. White. $\frac{1}{4}$ oz. 30c. .10

Marshall's White Perfection. A grand white variety. $\frac{1}{4}$ oz. 50c. .10

Queen of Italy. Rosy white. 6 in. $\frac{1}{4}$ oz. 35c. .10

Rose Cardinal. Bright rosy cardinal, a rich and striking color. $\frac{1}{4}$ oz. 50c. .10

umbellata dunnetti. Crimson. $\frac{1}{4}$ oz. 30c. .10

umbellata lilacina. Lilac-purple. $\frac{1}{4}$ oz. 30c. .10

umbellata Dwarf Hybrids. Mixed colors; neat and pretty. 6 in. $\frac{1}{4}$ oz. 50c. .10

Mixed Annual Sorts. $\frac{1}{4}$ oz. 50c. .10

sempervirens. H.P. White flowers. 12 in. $\frac{1}{8}$ oz. \$1.00 .25

Gibraltarica. H.P. Beautiful bluish-white. 12 in. $\frac{1}{4}$ oz. \$1.25

CANNAS. T.P. Handsome foliage and flowering plants, producing striking effects in beds or borders. Soak the seed in hot water 24 hours before sowing. 3 to 4 ft. (For Canna roots see Page 51.)

Mixed. Dark-leaved variety. $\frac{1}{4}$ oz. 50c. .10

Crozy's Large Flowering. Dwarf, mixed varieties. $\frac{1}{4}$ oz. 60c. .10

CANTERBURY BELLS. H.B. (See Campanula media.)

CARDINAL CLIMBER (See Ipomoea cardinalis). H.A.C.

CARNATION, Marguerite. H.H.P. The perpetual flowering Carnations produce a large proportion of double flowers in six months from sowing. 18 in.

Pkt.

CARNATION—Continued.**Marshall's Giant, Double Scarlet**

Marshall's Giant, Double White. Large, perfect flowers. $\frac{1}{8}$ oz. \$1.25 .15

Marshall's Giant, Double Yellow. A clear soft shade. $\frac{1}{8}$ oz. \$1.25 .15

Marguerite, Giant Double Mixed. Extra large and perfect flowering, in a rich variety of colors. $\frac{1}{8}$ oz. \$1.00 .15

Chaubaud's Everblooming Mixed. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. 18 in. .25

Early Dwarf Vienna. Double mixed. 12 in. $\frac{1}{4}$ oz. 75c. .15

Grenadine Double Scarlet. Very early flowering. 18 in. $\frac{1}{4}$ oz. \$1.00 .15

Finest Double Mixed. Border. Saved from extra fine flowers. 18 in. $\frac{1}{4}$ oz. \$1.00 .15

CASTOR BEANS. (See Ricinus).**CELOSIA cristata, or Cockscomb.** H.H.A.

Popular annual of easy culture, producing Cockscomb-like heads.

Childsi (Chinese Woolflower). A variety of feathered Celosia with large globular flower-heads like balls of wool. 2 ft.

Childsi Crimson. $\frac{1}{8}$ oz. 75c. .15

Pink. $\frac{1}{8}$ oz. 75c. .15

Yellow. $\frac{1}{8}$ oz. 75c. .15

Mixed. $\frac{1}{8}$ oz. 50c. .15

Empress. Crimson combs; dark foliage. 9 in. $\frac{1}{4}$ oz. \$1.25 .15

Glasgow Prize. Large, deep crimson. 12 in. $\frac{1}{8}$ oz. \$1.00 .15

Queen of the Dwarfs. Very dwarf form, deep crimson. 6 in. $\frac{1}{8}$ oz. \$1.00 .15

Dwarf. Mixed colors. Extra fine strain. 9 in. $\frac{1}{4}$ oz. \$1.00 .15

CELOSIA plumosa, or Ostrich Plume. H.H.A.

Producing large, graceful plumes. Makes fine plants for large beds or groups, and the plumes or flowers can be cut and dried for Winter bouquets. 3 ft.

pyramidalis magnifica aurea. Golden-yellow plumes. $\frac{1}{4}$ oz. 75c. .15

Kermesina. Crimson plumes. $\frac{1}{4}$ oz. 75c. .15

coccinea. Scarlet plumes. $\frac{1}{4}$ oz. 75c. .15

purpurea. Dark crimson. $\frac{1}{4}$ oz. 75c. .15

Thompson's Superb. Feathery plumes; dwarf habit, dark crimson. $\frac{1}{4}$ oz. 75c. .15

plumosa, Mixed. Feathered varieties in all colors. $\frac{1}{4}$ oz. 75c. .15

Pride of Castle Gould. All shades in choicest mixture; branching habit. $\frac{1}{8}$ oz. \$1.00 .25

CELSIA arcturus. G.P. Long spikes of bright yellow flowers. Fine for pot culture in cool greenhouse. .50



Centaurea, (Sweet Sultan)



Chrysanthemum, Tricolor



Cineraria, Matchless

- | | Pkt. | | Pkt. |
|---|-------------------------------|---|-------------------------------|
| CENTAUREA. H.A. Beautiful silvery foliaged bedding plants; used for bordering and edging. | | CHRYSANTHEMUM, Annual Varieties. | |
| candidissima. Round, compact plants, white leaves, broadly cut. 12 in. | $\frac{1}{4}$ oz. 75c. \$0.15 | Showy, hardy annuals of easiest cultivation, blooming from July until frost. 12 to 18 in. | |
| gymnocarpa. Fine cut silvery foliage. 18 in. | $\frac{1}{4}$ oz. 50c. .15 | coronarium compactum, White Pearl. Fine for cutting. | $\frac{1}{4}$ oz. 35c. \$0.10 |
| CENTAUREA. H.A. They flower finest in full sun and poor soil. Sow in the open ground in Spring. | | — Primrose Queen | $\frac{1}{4}$ oz. 35c. .10 |
| Americana. Bushy garden plants; lavender-blue, fragrant. 3 ft. | $\frac{1}{4}$ oz. 60c. .15 | — Double White | $\frac{1}{4}$ oz. 35c. .10 |
| Chameleon. Large; yellow and rose. 18 in. | $\frac{1}{4}$ oz. 75c. .15 | — Double Yellow | $\frac{1}{4}$ oz. 35c. .10 |
| Margaritae. Pure white, $2\frac{1}{2}$ inches across, exquisitely lacinated and delightfully scented. 18 in. | $\frac{1}{4}$ oz. 50c. .15 | — Double Mixed. Yellow, white, etc. | $\frac{1}{4}$ oz. 35c. .10 |
| montana. H.P. Large flowers of deep purple, very showy. 2 ft. | $\frac{1}{4}$ oz. 35c. .15 | inodorum plenissimum. Free flowering variety of spreading habit, with pure white flowers resembling Asters. | $\frac{1}{4}$ oz. 50c. .10 |
| suaevolens (Yellow Sweet Sultan). 18 in. An outstanding variety with fine, soft yellow flowers on long stems. For outdoor or conservatory use it is unsurpassed. | $\frac{1}{4}$ oz. 50c. .15 | tricolor, Lord Beaconsfield. White and rose. | $\frac{1}{4}$ oz. 35c. .10 |
| CENTAUREA cyanus (Bachelor Button, Cornflower, Blue Bottle, or Ragged Sailor). H.A.: This is one of the most popular annuals; will grow in the poorest soil, either on seashore or mountain. 18 in. | | — Morning Star. Large primrose flowers | $\frac{1}{4}$ oz. 35c. .10 |
| Marshall's Double Blue. Fine for cutting. | $\frac{1}{4}$ oz. 75c. .10 | — Northern Star. Large ivory white flowers with sulphur zone. | $\frac{1}{4}$ oz. 50c. .10 |
| Liberty Blue. The true Emperor deep blue Bachelor Button. | $\frac{1}{4}$ oz. 50c. .10 | — Single. Finest mixed. | $\frac{1}{4}$ oz. 35c. .10 |
| rosea, Double. Rose-pink. | $\frac{1}{4}$ oz. 40c. .10 | — Double-fringed Mixed. Very graceful double flowers. | $\frac{1}{4}$ oz. 35c. .10 |
| White, Double. Very pretty for decorations and borders. | $\frac{1}{4}$ oz. 40c. .10 | Collection of six varieties. Annual. | .50 |
| Finest Mixed, Double. | $\frac{1}{4}$ oz. 25c. .10 | | |
| CENTAUREA imperialis, Giant Imperial Sweet Sultan. H.H.A. 3 ft. Fine for massing in borders and are unsurpassed for cut flower purposes. They also respond to indoor culture and provide a long succession of bloom for winter decoration. | | CHRYSANTHEMUM, Perennial Varieties. | |
| Lilac | $\frac{1}{4}$ oz. 50c. .15 | frutescens (The White Paris Daisy). Charming plant for greenhouse or Summer bedding outdoors. 18 in. | $\frac{1}{4}$ oz. 50c. .15 |
| Purple | $\frac{1}{4}$ oz. 50c. .15 | Japonicum. From finest Japanese flowers, 3 ft. Extra choice mixture. | .25 |
| Rose | $\frac{1}{4}$ oz. 50c. .15 | Japanese Mountain. H.H.P. A dwarf free fall-flowering variety. Various colored flowers | .25 |
| White | $\frac{1}{4}$ oz. 50c. .15 | maximum "Perfection." Very free-flowering; pure white. 18 in. | $\frac{1}{4}$ oz. 50c. .15 |
| White, shading to rose | $\frac{1}{4}$ oz. 50c. .15 | — grandiflorum (The Shasta Daisy). Pure white; very large. 18 in. | $\frac{1}{4}$ oz. 50c. .15 |
| Finest Mixed. All colors. | $\frac{1}{4}$ oz. 40c. .15 | | |
| CERASTIUM tomentosum (Snow-in-summer). H.P. A dwarf, white-leaved edging plant with small white flowers. Good rock plant. 6 in. | $\frac{1}{4}$ oz. 75c. .25 | CINERARIA hybrida. G.P. One of the most gorgeous colored flowering plants for either greenhouse or conservatory. Seeds should be sown in July, August or September. | |
| CHELONE barbata. H.P. Long racemes of scarlet flowers. 2 ft. | .15 | Marshall's Matchless Prize Mixed. Every shade of blue, crimson, violet and pink, both in self-colors and with white edge or center. The flowers are often 3 inches in diameter and the plants of excellent habit. 2 ft. | .50 |
| CHEIRANTHUS allioni (Alpine Wallflower). H.H.P. Excellent for rockery or border; brilliant orange flowers. 9 in. Very fragrant. | $\frac{1}{4}$ oz. \$1.00 .25 | Cactus-flowered Mixed. Large flowers with narrow rolled petals radiating from the center. Fine for conservatory. 2 ft. | .50 |
| linifolius. This charming lilac Wallflower is seldom out of flower. Valuable for hardy borders and rock gardens. 12 in. | .25 | grandiflora, Matchless Dwarf Prize Mixed. This strain is just as choice as above, but different in height. 18 in. | .50 |
| | | hybrida multiflora nana. The dwarfiest and most compact strain, with large flowers. 9 in. | .50 |
| | | stellata, Blue Star-flowered. Tall, pyramidal plants, bearing star-like flowers. 2 ft. | .50 |
| | | — Pink Star-flowered | .50 |
| | | — White Star-flowered | .50 |
| | | — hybrids, Mixed Colors | .50 |



Cosmos, Crested



Coreopsis Grandiflora



Coleus

CINERARIA—Continued

- maritima candidissima.** H.H.P. A white-leaved "Dusty Miller," used for edging. 1 ft. $\frac{1}{4}$ oz. 35c. .15
- CLARKIA.** H.A. This pretty and easily grown annual does well either in sun or shade. 2 ft. **Brilliant.** Double salmon-scarlet flowers $\frac{1}{4}$ oz. 50c. .15
- Queen Mary.** Very bright rose-carmine, double flowers..... $\frac{1}{4}$ oz. 50c. .15
- rosea flore pleno.** Double rose.... $\frac{1}{4}$ oz. 50c. .15
- Salmon Queen.** Extra double, salmon-pin. $\frac{1}{4}$ oz. 50c. .15
- Scarlet Queen.** Fine double, brilliant salmon-orange-scarlet..... $\frac{1}{4}$ oz. 50c. .15
- White.** Very double, pure white flowers $\frac{1}{4}$ oz. 50c. .15
- Double Mixed.** All colors..... $\frac{1}{4}$ oz. 35c. .10
- CLEOME gigantea** (Giant Spiderflower). H.A. Bright rosy-crimson flowers; adapted for large beds or borders. $3\frac{1}{2}$ ft. $\frac{1}{4}$ oz. 50c. .15
- CLIANthus dampieri.** G.P. (Austrian Glory Pea). Scarlet flowers..... .25
- CLERODENDRON fallax.** G.P. Erect growing greenhouse plant, with large spikes of scarlet flowers..... .50
- COBAEA scandens.** H.A.C. Tender climber, large, bell-shaped blue flower. 20 ft. $\frac{1}{4}$ oz. 30c. .15
- White.** Large white, bell-like flowers. $\frac{1}{4}$ oz. 60c. .15
- COCKSCOMB.** See *Celosia cristata*.
- COLEUS, Marshall's Matchless Mixed.** G.P. Richly colored foliage plants.25
- thyrsoides.** Flowers light blue, borne in panicles; fine leaves..... 1.00
- COLLINSIA, Mixed.** Free flowering, hardy annuals of deserved popularity, blooming from June to October, and suited to dry situations. $\frac{1}{4}$ oz. 35c. .10
- COLUMBINE.** (See *Aquilegia*).
- CONVOLVULUS, or Morning Glories.** (See also *Ipomoea*). H.A.C. Deservedly very popular, as they are of the most free-flowering and rapid growing plants in cultivation, thriving in almost any situation.
- major.** Mixed colors. Climbers of rapid growth. 30 ft.oz. 30c. .10
- minor, or Bush Morning Glories.** Mixed colors. 12 in.oz. 30c. .10
- COREOPSIS.** H.P. Long stemmed, large, single flowers. 2 ft. Fine cut flower.
- grandiflora.** Large flowers of rich yellow. $\frac{1}{4}$ oz. 35c. .15
- grandiflora fl. pl.** An improved type with large double flowers of deep yellow..... .50
- CORN, Rainbow.** H.A. Variegated leaves, striped in green, white and yellow. 5 ft. oz. 50c. .10
- CORNFLOWER.** (See *Centaurea cyanus*).

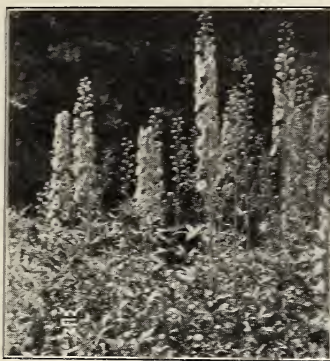
Pkt.

Pkt.

- COSMOS.** H.A. This is one of our most useful and beautiful Autumn flowers. To get it in bloom early, seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted. 5 ft. **Double - crested, Early - flowering.** Semi-double flowers in great profusion. 5 ft.
- Crimson King.** Bright red..... $\frac{1}{4}$ oz. \$1.50 .25
- Pink Beauty.** A lovely shade of pink, crested flowers..... $\frac{1}{4}$ oz. \$1.50 .25
- White Queen.** Pure white, crested flowers. $\frac{1}{4}$ oz. \$1.50 .25
- Crested Mixed.** The above colors in mixture. $\frac{1}{4}$ oz. \$1.25 .25
- Extra Early Giant-flowering.** Flowers 4 to 5 inches across. 4 ft.
- Crimson**..... $\frac{1}{4}$ oz. 60c. .10
- Pink**..... $\frac{1}{4}$ oz. 60c. .10
- White**..... $\frac{1}{4}$ oz. 60c. .10
- Mixed Colors**..... $\frac{1}{4}$ oz. 50c. .10
- Giant Late-flowering.** Blooms in September and October. 5 ft.
- Lady Lenox.** Pink..... $\frac{1}{4}$ oz. 50c. .10
- Lady Lenox.** White..... $\frac{1}{4}$ oz. 50c. .10
- Red**..... $\frac{1}{4}$ oz. 50c. .10
- Mixed.** All shades..... $\frac{1}{4}$ oz. 35c. .10
- Klondyke.** Large flowered golden yellow $\frac{1}{4}$ oz. 50c. .10
- COWSLIP, Mixed** (*Primula veris*). H.P. A Spring-flowering plant. Beautiful colors, rich brown, crimson and yellow. 6 in.25
- CUPHEA platycentra** (Cigar Plant). H.H.P. Valuable as a bedding and border plant. The flowers are scarlet with a black and white lip. 1 ft.25
- CYNOGLOSSUM amabile.** H.A. Beautiful rich blue, sweet-scented flowers. Fine for cutting. 18 in. $\frac{1}{4}$ oz. \$1.00 .25
- CYPERUS alternifolius** (Umbrella Plant). G.P. Handsome plants easily raised from seed; used for table decorations and combining with palms; semi-aquatic. 2 ft.25
- CYPRESS VINE.** H.A.C. A fast growing annual vine, with feathery, dark-green foliage and star-like flowers. 10 ft.
- Bright Scarlet**..... $\frac{1}{4}$ oz. 25c. .10
- Finest Mixed**..... $\frac{1}{4}$ oz. 25c. .10
- CYCLAMEN.** G.P. These are among the choicest of flowering greenhouse plants. Seed should be sown from October until January.
- Marshall's Giant Varieties** (*Persicum giganteum*). New crop seeds usually arrive in August.
- Bush Hill Pink.** Color a bright rosy-pink, foliage beautifully marbled..... 1.00
- Crimson King.** Dark crimson. 100 seeds, \$2.00 .50
- Giant White**..... 100 seeds, \$2.00 .50



Cyclamen



Delphinium, Matchless Hybrids



Dianthus, Double Annual

CYCLAMEN—Continued

Pkt.

Fragrance. Color, rose and beautifully fragrant.....	1.00
Fragrant Gem. Flowers white with rose eye.	1.00
Mrs. Buckston. Salmon-pink, heavily fringed.	
100 seeds, \$3.00	1.00
Salmon Queen. Salmon.....	.50
100 seeds, \$2.00	
St. George. Pale salmon, with marbled foliage.	1.00
100 seeds, \$3.00	
Victoria. A pretty form with colored fringe at the top of the petals. In several colors.	
100 seeds, \$2.50	1.00
Marshall's Giant Mixture. Includes all the brilliant colors.....	.50
100 seeds, \$2.00	
Papilio, or Giant-fringed Butterfly. Mixed colors; flowers beautifully fringed.....	1.00
100 seeds, \$3.00	

DAHLIA. H.H.P. This popular flower can be easily raised from seed, flowering the same season. Seed should be sown early in gentle heat. 4 to 6 ft.

CALIFORNIA HYBRIDS. See page 57.

Coltness Hybrids. Single varieties in many colors, growing from 18 to 24 inches in height. .50

Double, Large-Flowering. Double mixed colors..... .25

Cactus. New choice varieties. Mixed colors. .50

Single, Large-flowering. Mixed..... .25

DAISY, Double. (See *Bellis perennis*.)

DAISY, Single. (See *Chrysanthemums*.)

DATURA (Trumpet flower). H.H.A. Robust garden annual, bearing large trumpet-shaped flowers. 4 ft.

Double-flowering (*Fastuosa* fl. pl.) Mixed. 1/4 oz. 40c. .15

Cornucopia (Horn of Plenty). Flowers white and purple..... 1/4 oz. 40c. .15

DELPHINIUM (Larkspur). H.P. Delphiniums are hardy and can be grown in any garden. They are handsome plants for the herbaceous border and shrubbery and are splendid for cut flower use.

belladonna. Very large-flowered, light azure blue..... 3/8 oz. \$1.00 .25

Blue Butterfly. Graceful spikes of large azure-blue flowers..... 1/2 oz. \$1.00 .25

bellamosa. An improved *Formosum* which is not subject to mildew. Dark blue in color 1/4 oz. \$1.00 .25

chinensis album. Pure white. 18 in. 1/4 oz. 50c. .15

azureum. Azure blue. 18 in. 1/4 oz. 50c. .15

Mixed (*grandiflorum*). Shades of blue and pure white. 18 in. 1/4 oz. 50c. .15

formosum coelestinum. Sky-blue; handsome. 1/2 oz. 75c. .15

Blackmore & Langdon's Hybrids. A superior imported strain and contains a mixture of exceptionally choice flowers ranging in color from light blues through mauves and lavers to deepest ultramarine. 5 ft. .50

DELPHINIUM.—Continued

Pkt.

Marshall's Matchless Hybrids. Choice show hybrids, saved from the best named varieties. 1/2 oz. \$1.00 .25

Wrexham or Hollyhock Hybrids. Experts regard this strain as quite the finest in cultivation. It is conspicuous for its massive, broad-based spires of large individual flowers which are compactly arranged about the stems. The shades of blues and mauves are of exquisite clarity. Particularly effective in mass plantings with *lilium candidum*. 4-6 ft. 2.00

DICTAMNUS fraxinella. H.P. Handsome spikes of reddish flowers and fragrant leaves. 3 ft. 1/4 oz. 50c. .15

DIANTHUS (Chinese or Indian Pinks). H.H.A. These, although biennials, bloom the first season, and should be treated as hardy annuals. They flower early in Summer and continue until frost. They are excellent for small beds or edgings, flowering profusely and in great variety of colors. 12 in.

SINGLE ANNUAL PINKS.

Heddewigi. Large, attractive flowers of most brilliant colors. Finest Mixed.... 1/4 oz. 50c. .10

laciniatus Single Mixed. Fringed flowers of all colors..... 1/4 oz. 50c. .10

DOUBLE ANNUAL PINKS.

chinensis fl. pl. (Chinese Pink). Large, double flowers in unlimited variety of colors. Finest Mixed..... 1/4 oz. 50c. .10

diadematus fl. pl. (Double Diadem Pink). Large, double flowers. Mixed.... 1/4 oz. 50c. .10

Heddewigi fl. pl. (Japanese Pink). Large, double flowers of exquisite colors. Finest Mixed..... 1/4 oz. 50c. .10

"Fireball." Large double, brilliant red. 1/4 oz. 75c. .10

Pink Beauty (Heddewigi). A beautiful double pale pink annual variety..... .25

laciniatus "Salmon Queen." Very striking double flowers, rich salmon scarlet. 1/4 oz. \$1.00 .15

"Snowball." Extra large, double, pure white. 1/4 oz. 75c. .10

fl. pl. Double-fringed flowers; beautifully striped; many colors. Mixed.... 1/4 oz. 75c. .10

Collection of Double Annual Pinks. Six varieties..... .50

HARDY PERENNIAL PINKS.

plumarius fl. pl. Pheasants-eye. Pretty, fringed double flowers..... 1/4 oz. 75c. .15

plumarius semperflorens (Perpetual Pink). Mixed, single and double..... 1/2 oz. \$1.00 .25

DIDISCUS caerulea (Blue Lace Flower). H.A. An attractive annual, blooming from July until frost. Pale lavender flowers, valuable for cutting. 18 in. 1/2 oz. 50c. .15



Digitalis



Euphorbia variegata



Gaillardia

DIGITALIS or **FOXGLOVE**. H.P. Producing long spikes of tubular flowers. Used extensively with good effect for naturalizing in shrubberies and half-shady places. 3 ft.

Marshall's Superb Purple..... $\frac{1}{4}$ oz. 50c. .15
Marshall's Superb Rose..... $\frac{1}{4}$ oz. 50c. .15
Marshall's Superb Yellow..... $\frac{1}{4}$ oz. 50c. .15
Marshall's Superb White..... $\frac{1}{4}$ oz. 50c. .15
Marshall's Superb Mixed. All colors.

$\frac{1}{4}$ oz. 35c. .15
monstrosa, Mixed. Very large flowers.
 $\frac{1}{4}$ oz. 75c. .15

Giant Shirley Hybrids. These hybrids are very large in size and vigor, growing from 5 to 6 ft. $\frac{1}{8}$ oz. \$1.00 .25
Isabellina. A beautiful sulphur-yellow.25

DIMORPHOTHECA aurantiaca. H.A. Daisy-like blossoms of a rich orange color; dark disc surrounded by black zone. 18 in. $\frac{1}{4}$ oz. 75c. .15
aurantiaca hybrida. Mixed hybrids.
 $\frac{1}{4}$ oz. 50c. .15

eklonis. Large, star-shaped pure white flowers with a small, deep blue disc. 2 ft.25

DOLICHOS or **HYACINTH BEAN**. H.A.C. Annual climbers with clusters of Bean-like flowers. 10 ft.
lablab, Mixed. Purple and white. Oz. 40c. .10

DRACAENA indivisa. G.P. For vases, pots, etc. Narrow green leaves. $\frac{1}{4}$ oz. 35c. .25

ECHINO CYSTIS lobata (Wild, or California Cucumber). H.A.C. The fastest growing annual vine in existence; grows 20 feet in six weeks. Pretty foliage and inconspicuous white flowers. Oz. 50c. .10

ECHINOPS ritro (Blue Globe-thistle). H.P. Purple. $\frac{1}{4}$ oz. 35c. .15

EDELWEISS (Leontopodium). H.P. Silvery white everlasting flowers, fine for rock gardens. 6 in.25

EREMURUS (Gold Medal Hybrids). H.P. Stately plant with long spikes of flowers. 8 ft. .50

ERIGERON speciosus (The Mid-summer Daisy). H.P. Pale mauve flowers with golden centers. Fine for cutting. 18 in.15

ERYSIMUM arkanianum. H.A. Bright yellow flowers resembling the Wallflower. 18 in. **linifolius**. (See **chieranthus linifolius**.)

pulchellum. H.P. Pale yellow flowers. Useful for rockwork. 9 in.15

ERYNGIUM amethystinum (Sea Holly). H.P. Spiny foliage and small, amethyst-blue flowers in large panicles. 3 ft. $\frac{1}{8}$ oz. \$1.00 .15

ERINUS alpinus. H.P. Bright purple flowers, a choice rock plant. 6 in.25

ESCHSCHOLTZIA or **CALIFORNIA POPPY**. H.A. Very attractive annuals for beds, edgings, masses; profuse flowering, fine cut, glaucous foliage; blooms from June to frost. 12 in. **californica**. Bright yellow. $\frac{1}{4}$ oz. 30c. .10

Pkt.

ESCHSCHOLTZIA—Continued

Pkt.

californica alba. White. $\frac{1}{4}$ oz. 30c. \$0.10

Carmine King. Beautiful keep red. $\frac{1}{4}$ oz. 35c. .10

Chrome Queen. A beautiful clear chrome yellow. $\frac{1}{8}$ oz. 75c. .15

Crimson King. Beautiful crimson scarlet. $\frac{1}{4}$ oz. 30c. .10

Dainty Queen. Blush-pink on cream ground. $\frac{1}{4}$ oz. 75c. .15

Golden West. Large flowers of deep yellow shade. $\frac{1}{4}$ oz. 35c. .10

Mandarin. Large, scarlet, inside orange. $\frac{1}{4}$ oz. 35c. .10

Rose Cardinal. A distinct color. $\frac{1}{4}$ oz. 35c. .10

The Geisha. Petals prettily fluted. Color inside golden and outside intense orange-crimson. Very beautiful. $\frac{1}{4}$ oz. 50c. .15

Single Mixed. All colors. Oz. 50c. .10

EUCALYPTUS globulus (Blue Gum Tree). G.P. Used as greenhouse plant for decorations.15

EUPATORIUM Fraseri. H.P. White, fine for cutting. 2 ft. $\frac{1}{4}$ oz. 50c. .15

EUPHORBIA heterophylla (Fire-on-the-mountain). H.A. Leaves large and glossy green, often tipped with orange-scarlet. 3 ft.
 $\frac{1}{4}$ oz. 50c. .15

variegata (Snow-on-the-mountain). White and green bracts, excellent for bouquets. 2 ft.
 $\frac{1}{4}$ oz. 35c. .10

FERNS, Greenhouse Variety, Mixed. G.P. . . .25

FORGET-ME-NOT. (See **MYOSOTIS**.)

FOXGLOVE. (See **DIGITALIS**.)

FOUR O'CLOCKS. (See **MARVEL OF PERU**.)

FRANCOA ramosa alba. H.B. Elegant sprays of pure white flowers. 2 ft.25

FREESIA, New Hybrids Mixed. G.P. Shades of pink, red, violet, yellow, etc.25

GAILLARDIA. H.A. Showy garden annuals; they flower uninterruptedly from early Summer until frost; the flowers are of large size and afford charming tints in their color schemes. 2 ft.

amblyodon. Blood red. $\frac{1}{4}$ oz. 35c. .10
picta Mixed, Single. Annual varieties.
 $\frac{1}{4}$ oz. 35c. .10

lorenziana, Double Mixed. $\frac{1}{4}$ oz. 35c. .10

Giant Hybrids, Mixed. Perennial. $\frac{1}{4}$ oz. 50c. .15

Marshall's Matchless Hybrids. H.P. A grand new improved strain; enormous flowers and very strong habit. $\frac{1}{8}$ oz. \$1.00 .25

GALEGA officinalis. H.P. A hardy plant producing a number of blue, miniature, pea-like flowers in sprays throughout the Summer. 3 ft. $\frac{1}{4}$ oz. 35c. .10

officinalis alba. White flowers. $\frac{1}{4}$ oz. 35c. .10



Geum, Lady Stratheden



Gilia



Gypsophila elegans

- | | | | |
|--|-----------------------|--|-----------------|
| | Pkt. | | Pkt. |
| GAURA lindheimeri. H.P. Graceful spikes of rosy-white flowers. 3 ft. | ¼ oz. 50c. | GOURDS. — <i>Continued</i> | |
| GERANIUM. G.P. Well-known plants for garden or pot culture. | | Mock Orange, or Orange-shaped. ... | Oz. 50c. \$0.10 |
| zonale. Finest Mixed. | .15 | Pear-shaped. Very pretty striped fruit. | |
| GERBERA Jamesoni hybrida (The Transvaal Daisy). H.H.P. Fine for cut flowers or bouquets. 18 in. | 100 seeds, \$1.00 .25 | Sugar Trough. | Oz. 50c. .10 |
| GEUM. H.P. Showy, hardy perennial of easy culture and well adapted for the flower garden; fine for cutting. 2 ft. | | Mixed Ornamental Varieties. | Oz. 40c. .10 |
| atrosanguineum. Large, double crimson flowers. | ¼ oz. 50c. .15 | Collection of 10 Varieties of Gourds. | .75 |
| Lady Stratheden. Double yellow. | .25 | GRASSES, ORNAMENTAL. A most valuable class of plants for the lawn, shrub bed, border or tropical bed. The perennial varieties, many of which have variegated foliage, are excellent. The annual sorts are particularly pretty on account of the graceful, feathery flower panicles. | |
| Mrs. Bradshaw. Double orange-scarlet flowers; very large and full. | ½ oz. 75c. .25 | Agrostis nebulosa. H.A. Very graceful and pretty. 18 in. | .10 |
| Orange Queen. A beautiful shade of orange. . | .25 | Briza maxima (Quaking Grass). H.A. Very pretty. 18 in. | .10 |
| GILIA capitata. H.A. A very graceful annual with lavender-blue flowers. | ¼ oz. 35c. .15 | Coix lachryma (Jobs-tears). H.A. Foliage quite broad. Seeds prominent, very large and shiny. 3 ft. | .10 |
| GLOBE-AMARANTH (GOMPHRENA). H.A. Clover-like heads of flowers; esteemed as everlasting. 12 in. | | Erianthus ravennae. H.P. Silvery plumes, resembling Pampas Grass. 8 ft. | .10 |
| globosa alba. White. | ¼ oz. 35c. .10 | Eulalia zebrina. H.P. White striped foliage, very ornamental. 4 ft. | ¼ oz. 35c. .10 |
| globosa rubra. Purple. | ¼ oz. 35c. .10 | Gynierium argenteum (Pampas Grass). H.P. Beautiful silvery plumes. 10 ft. | ¼ oz. 35c. .10 |
| globosa. Mixed colors. | ¼ oz. 35c. .10 | Hordeum jubatum (Squirrel-tail Grass). H.A. A pretty variety, with bushy panicles of flowers. 3 ft. | .10 |
| GLOXINIA. G.P. Charming pot plants, flowering in Summer in greenhouse or window. | | Pennisetum longistylum. H.A. Annual grass, gracefully drooping heads. 2 ft. | ¼ oz. 35c. .10 |
| Marshall's Matchless. Erect, giant-flowering, mixed. Saved from the very choicest erect flowering sorts. A grand variety of colors. . | .50 | Pennisetum ruppelianum. H.P. Hardy perennial grass, growing 3 ft. high with violet-tinted silvery plumes. The deep green foliage is long and slender. | ¼ oz. 35c. .10 |
| GODETIA. H.A. Bushy annual, with showy large flowers. They grow quickly, bloom abundantly and are excellent for beds and borders. The double varieties are splendid for cutting. 18 in. | | GREVILLEA robusta (Silk Oak). G.P. Graceful foliage plant. 4 ft. | ¼ oz. 50c. .10 |
| Brilliant. Glowing carmine. | ¼ oz. 35c. .10 | GYPHOPHILA (Baby's Breath). H.A. Extremely useful for bouquets. Flowers small and come in delicate sprays and panicles. | |
| Double Rose. A delicate rose-pink. | ¼ oz. 50c. .10 | elegans alba grandiflora. An improved large flowering, pure white form of the annual Baby's Breath. | Oz. 50c. .10 |
| Duchess of Albany. Satiny-white. | ¼ oz. 35c. .10 | elegans carminea. Carmine rose. | Oz. 60c. .10 |
| Gloriosa. Compact, brilliant blood-red. | ¼ oz. 35c. .10 | rosea grandiflora. Delicate rose. | Oz. 60c. .10 |
| Rosy Morn. A lovely coral-pink, very double flowers. | ¼ oz. 75c. .10 | muralis. Bright rose. | ¼ oz. 35c. .10 |
| Finest Mixed Colors. | Oz. 60c. .10 | paniculata. H.P. One of the finest for cutting. Pure white flowers, very small and borne in large panicles. 2 ft. | ¼ oz. 50c. .10 |
| GOMPHRENA. (See GLOBE-AMARANTH). | | paniculata flore pleno. H.P. A double-flowering variety, pure white. 2 ft. | .25 |
| GOURDS. H.A.C. Thrifty annual climbers, bearing "Ornamental Gourds." 10 ft. | | HELENIUM. H.P. Striking hardy plants, very useful for decorating. | |
| Apple-shaped. Small fruit, striped yellow and dark green. | Oz. 40c. .10 | Riverton Gem. Yellow, changing to red. Long stems. 5 ft. | .15 |
| Bottle-shaped. Fruit yellowish-white and dark green. | Oz. 40c. .10 | HELIANTHUS. (See SUNFLOWER). | |
| Calabash, or African Pipe Gourd. ... | Oz. 50c. .10 | | |
| Dipper-shaped. | Oz. 40c. .10 | | |
| Dishcloth (Chinese Loofta, or Sponge Gourd). Large, elongate fruit; spongy inside. Flowers deep golden yellow. | Oz. 40c. .10 | | |
| Egg. Fruit white, resembles eggs. | Oz. 40c. .10 | | |
| Hercules' Club. Enormous fruit, often 4 ft. long, thicker at the base. | Oz. 50c. .10 | | |



Helichrysum



Heuchera sanguinea



Incarvillea Delavayi

- | | Pkt. | | Pkt. |
|---|--------------------------|--|------------------------|
| HELICHRYSUM, or STRAWFLOWER. H.A. | | HUMULUS—Continued | |
| Large, double "everlasting" flowers. 2 ft. | | japonicus fol. variegatus. Variegated foliage. | |
| monstrosum, Fire Ball. Double red. | | $\frac{1}{4}$ oz. 35c. | \$0.10 |
| Golden Globe. Double yellow..... | $\frac{1}{4}$ oz. 50c. | HUNNEMANNIA fumariaefolia (Giant Yellow | |
| Salmon. | $\frac{1}{4}$ oz. 50c. | Tulip Poppy). H.A. Flowers are tulip-shaped, | |
| Silver Globe. Glistening white. | $\frac{1}{4}$ oz. 50c. | pure golden yellow. When cut and put in | |
| Large Flowering, Double, Mixed Colors. | | water they will last a full week. 2 ft. | |
| | $\frac{1}{4}$ oz. 25c. | $\frac{1}{4}$ oz. 30c. | .10 |
| HELIOTROPE. G.P. Well-known fragrant flower- | | HYACINTH-BEAN. (See DOLICHOS.) | |
| ing plants for pots or gardens. | | IBERIS. (See CANDYTUFT.) | |
| Marshall's Blue Perfection. Dark blue.... | .25 | ICE PLANT. (See MESEMBRYANTHEMUM | |
| Anna Tureil. Light blue..... | .15 | CRYSTALLINUM.) | |
| White Lady. A popular white variety..... | .15 | IMPATIENS (Sultan's or Zanzibar Balsam). | |
| Finest Mixed. | $\frac{1}{8}$ oz. 40c. | G.P. Charming plants for decoration of the | |
| Lemoine's Giant Hybrids, Mixed. | .15 | greenhouse or table, producing waxy looking | |
| | | flowers profusely and continuously. 2 ft. | |
| HEUCHERA sanguinea splendens. H.P. Long | | sultani. Flowers of brilliant rosy-scarlet color. | .25 |
| spikes of fiery-red flowers. 18 in. | .25 | holsti Hybrids. Form strong, bushy plants | |
| sanguinea hybrida. H.P. Fine for borders. | | covered with attractive flowers. As pot | |
| 18 in. Mixed colors..... | .25 | plants they bloom the year round. Choicest | |
| | | mixed colors..... | .25 |
| HIBISCUS. Showy plants of vigorous growth. | | INCARVILLEA Delavayi. H.P. The flowers are | |
| Africanus. H.A. Yellow with black center. | | borne on long, stout stems, tube-shaped. | |
| 18 in. | $\frac{1}{4}$ oz. 25c. | Color bright rose. 2 ft. | $\frac{1}{4}$ oz. 75c. |
| Marshall's Rainbow grandiflorus hybrids. | .10 | | .25 |
| H.P. New giant-flowering Marshmallows. | | IONOPSIDIUM acaule. H.H.P. Pale mauve | |
| Very large flowers in various colors. 5 ft. | | flowers adapted for rockeries and carpet bed- | |
| | $\frac{1}{4}$ oz. 50c. | ding; very dwarf habit. 4 in. | .15 |
| moscheutos (Swamp Rose Mallow). H.P. | | IPOMOEA (Morning-glory). (See also CON- | |
| Flowers of a light rosy-red, with dark center. | | VOLVULUS.) H.A.C. Climbers of rapid | |
| 4 ft. | $\frac{1}{4}$ oz. 50c. | growth, with beautiful and varied flowers; for | |
| HOLLYHOCKS. H.P. One of the showiest of | .15 | covering walls, trellises, arbors or stumps of | |
| hardy garden plants. No garden is complete | | trees they are invaluable. 20 ft. | |
| without these stately flowers. Hollyhocks | | cardinalis (Cardinal Climber). A rapid growing | |
| are troubled of late with a rust, which can be | | annual, with deep cardinal red flowers and | |
| prevented if plants are sprayed frequently in | | lacinated foliage..... | $\frac{1}{4}$ oz. 50c. |
| early Spring with Bordeaux mixture. 6 ft. | | grandiflora alba (Moonflower). Large, heart- | .10 |
| Marshall's Giant. | | shaped leaves and large, pure white flowers, | |
| Double Apple Blossom. | $\frac{1}{8}$ oz. 50c. | which open only late in the evening. | $\frac{1}{4}$ oz. 35c. |
| Pink Queen. A pretty salmon pink. | | rubro-caerulea (Heavenly Blue). Beautiful, | .10 |
| | $\frac{1}{8}$ oz. \$1.00 | sky-blue flowers..... | $\frac{1}{4}$ oz. 35c. |
| Double Scarlet. | $\frac{1}{8}$ oz. 50c. | setosa (Brazilian Morning-glory). Large, orna- | |
| Double Rose. | $\frac{1}{8}$ oz. 50c. | mental foliage, with bright rose flowers. | |
| Double Sulphur Yellow. | $\frac{1}{8}$ oz. 50c. | $\frac{1}{4}$ oz. 30c. | .10 |
| Double White. | $\frac{1}{8}$ oz. 50c. | Imperial Japanese, Mixed. A great improve- | |
| Double Violet Purple. | $\frac{1}{8}$ oz. 50c. | ment over the old-fashioned sorts. ... | Oz. 50c. |
| Double Fine Mixed. | $\frac{1}{8}$ oz. 50c. | | .10 |
| Chater's Extra Choice, Double Mixed | | KENILWORTH IVY. H.H.P. Neat trailer for | |
| Colors. | $\frac{1}{8}$ oz. 75c. | rock garden. Small snap-dragon like flowers. | |
| Hybrid Everblooming, Double, Mixed. | | Attractive foliage. 6 in. | .15 |
| Flowers the first season from seed. Very fine | | KOCHIA tricophylla (Belvedere; Summer Cy- | |
| colors..... | $\frac{1}{4}$ oz. 50c. | press, or Mexican Firebush). H.A. Grows | |
| Collection of Double Hollyhocks, 6 colors. | .75 | in a perfectly pyramidal shaped cypress bush, | |
| Marshall's Giant Single Mixed. | $\frac{1}{4}$ oz. 50c. | with small, feathery, light-green foliage. Be- | |
| Hybrid Everblooming, Single Mixed. | | comes a lovely crimson hue about Septem- | |
| | $\frac{1}{4}$ oz. 40c. | ber. 2 $\frac{1}{2}$ ft. | $\frac{1}{4}$ oz. 35c. |
| HONESTY. (See LUNARIA biennis.) | | | .10 |
| HUMULUS japonicus (Japanese Hop). H.A.C. | | KUDZU VINE (Pueraria Thunbergiana). H.P. | |
| A climber with dense green foliage; 20 ft. | | A splendid climber for covering permanent | |
| $\frac{1}{4}$ oz. 35c. | .10 | verandas, dead trees, etc. Large green foli- | |
| | | age and pea-shaped blossoms. | $\frac{1}{4}$ oz. 50c. |



Lavatera



Lathyrus



Lupinus polyphyllus

- LANTANA.** G.P. One of the most desirable greenhouse or bedding plants; constantly in bloom. 2 ft. Newest hybrids, mixed. $\frac{1}{4}$ oz. 50c. \$0.15
- LATHYRUS latifolius, Perennial Sweet Pea.** H.P. Hardy climbers. Fine for cutting. 6 ft. $\frac{1}{4}$ oz. 50c. .15
- latifolius.** Purplish-red. $\frac{1}{4}$ oz. 50c. .15
- albus.** Pure white. $\frac{1}{4}$ oz. 50c. .15
- White Pearl.** A large flowering, robust growing variety of the above. $\frac{1}{4}$ oz. \$1.00 .15
- Pink Beauty.** Rosy pink. $\frac{1}{4}$ oz. 50c. .15
- Finest Mixed.** All colors. $\frac{1}{4}$ oz. 30c. .15
- LARKSPUR.** H.A. Elegant and ornamental plants, producing in great variety of form some of the most beautiful flowers in cultivation.
- Marshall's Invincible Branching.** Double flowers; excellent for cutting. Offered in the following choice of colors
- Azure Blue.** $\frac{1}{4}$ oz. 50c. .15
- Dark Blue.** $\frac{1}{4}$ oz. 50c. .15
- Carmine.** $\frac{1}{4}$ oz. 50c. .15
- Flesh Color.** $\frac{1}{4}$ oz. 50c. .15
- Rose.** $\frac{1}{4}$ oz. 50c. .15
- White.** $\frac{1}{4}$ oz. 50c. .15
- Finest Mixed.** $\frac{1}{4}$ oz. 40c. .15
- Collection Invincible, Branching, 6 Varieties.** .75
- Newport Scarlet.** Can be treated either as an annual or biennial. $\frac{1}{4}$ oz. 60c. .15
- Dwarf Rocket.** Finest colors. Fine for bedding. 12 in. $\frac{1}{4}$ oz. 25c. .10
- Tall Rocket.** Mixed. Long showy spikes. $\frac{1}{4}$ oz. 25c. .10
- Perennial Larkspur.** (See **Delphinium**.)
- LAVATERA splendens rosea** (Pink Mallow). H.A. Bushy plants, produce large, open, pink, mallow-like flowers in great profusion. 3 ft. $\frac{1}{4}$ oz. 50c. .15
- splendens alba.** Large, glossy white flowers. $\frac{1}{4}$ oz. 50c. .15
- Finest Mixed Colors.** $\frac{1}{4}$ oz. 50c. .15
- LEMON VERBENA.** (See **VERBENA**.)
- LEPTOSYNE maritima.** H.A. Large lemon-yellow Marguerite-like flowers on tall stalks. 3 ft. $\frac{1}{4}$ oz. 75c. .15
- LINARIA cymbalaria.** (See **KENILWORTH IVY**.)
- LINARIA.** H.A. Very showy annual resembling Snapdragon. Used extensively as a Winter cut flower in greenhouses. 1 ft. $\frac{1}{4}$ oz. 50c. .15
- Choice Mixed Varieties.** .25
- LINUM.** H.A. Free flowering plants for borders.
- grandiflora rubrum.** Single scarlet flowers. 12 in. $\frac{1}{4}$ oz. 25c. .10
- perenne.** H.P. A lovely plant with blue flowers. 18 in. $\frac{1}{4}$ oz. 35c. .10
- LOBELIA.** H.H.A. Bushy plants, with pendant branches; very profuse flowering. Fine for baskets or edging borders. 6 in. $\frac{1}{4}$ oz. 50c. .15
- Marshall's Compact.** The finest dark blue Lobelia; the plants are compact, covered with a profusion of bloom. 1-16 oz. \$1.00. \$0.25
- erinus compacta, Crystal Palace.** Dark blue. $\frac{1}{8}$ oz. \$1.00 .15
- Emperor.** Light blue. $\frac{1}{8}$ oz. \$1.00 .15
- erinus speciosa.** Bright blue flowers. $\frac{1}{8}$ oz. 50c. .15
- gracilis.** Blue flowers; trailing. $\frac{1}{8}$ oz. 50c. .15
- Mixed Colors.** White, blue, rose, etc. $\frac{1}{4}$ oz. 50c. .15
- tenuior** (Ramosa). Upright habit with large blue flowers; adapted for pots or borders. .25
- Perennial Varieties:**
- cardinalis** (Cardinal Flower). A native variety, with spikes of scarlet flowers; fine border plant. 3 ft. .50
- cardinalis Hybrids.** Splendid hybrids, mixed .50
- LOPHOSPERMUM scandens.** H.H.C. Dark rose. A rapid growing climber. .15
- LOVE-LIES-BLEEDING.** (See **AMARANTHUS**.)
- LOVE-IN-A-MIST.** (See **NIGELLA**.)
- LUNARIA biennis** (Honesty). H.B. Attractive flowers followed by decorative seed pods which, when dried may be used for winter decoration. 2 ft. $\frac{1}{4}$ oz. 50c. .15
- LUPINUS.** Free flowering plants, with long spikes of flowers. The Annual and Perennial varieties are among the most useful of our garden flowers, either for mixed borders or house decorations. 2 ft.
- Hartwegi Blue.** A delicate shade. $\frac{1}{4}$ oz. 30c. .10
- White.** Splendid for cutting. $\frac{1}{4}$ oz. 30c. .10
- roseus.** Rose. $\frac{1}{4}$ oz. 30c. .10
- Tall Mixed, Annual Varieties.** .Oz. 50c. .10
- Perennial Varieties:**
- polyphyllus albus.** White. $\frac{1}{4}$ oz. 35c. .15
- caerulea.** Blue. $\frac{1}{4}$ oz. 35c. .15
- Golden Spire.** Golden yellow. .25
- roseus.** Rose. $\frac{1}{4}$ oz. 50c. .15
- Snow Queen.** (Tree Lupine.) A grand variety; pure white. $\frac{1}{4}$ oz. 75c. .15
- Mixed Perennial Varieties.** $\frac{1}{4}$ oz. 25c. .15
- Marshall's Matchless Mixed.** Comprising a wonderful range of colors among perennial Lupines. $\frac{1}{4}$ oz. \$1.00 .50
- LYCHNIS Chalcedonica.** H.P. The old favorite Scarlet Lychnis. 18 in. $\frac{1}{4}$ oz. 75c. .15
- Arkwrighti.** Large brilliant flowers, color from orange-scarlet to soft salmon-pink. $\frac{1}{4}$ oz. 50c. .15
- Haageana Hybrids, Mixed Colors.** Bushy little plants. 12 in. $\frac{1}{8}$ oz. 75c. .15
- MALOPE grandiflora.** H.A. Very showy border annual; large flowers. 2 ft. $\frac{1}{4}$ oz. 25c. .10



Marigold (French)



Myosotis, 'Blue Bird'



Mignonette, Defiance

	Pkt.		Pkt.
MARIGOLD. H.A. Widely grown hardy annuals, invaluable for bedding and producing an elegant display of yellow, orange and brown flowers from early Summer till frost.		MIGNONETTE—Continued	
African Varieties. Showy flowers. 3 ft.		Crimson Giant. Deep red flowers. $\frac{1}{4}$ oz. 35c.	.10
Marshall's Lemon Queen. A charming shade. $\frac{1}{4}$ oz. 60c.	\$0.15	Goliath. Red; enormous spikes. $\frac{1}{4}$ oz. 50c.	.10
Marshall's Prince of Orange. Beautiful orange color. $\frac{1}{4}$ oz. 60c.	.15	Golden Queen. Compact yellow flowers. $\frac{1}{4}$ oz. 35c.	.10
Mixed Double. $\frac{1}{4}$ oz. 50c.	.10	Machet, Dwarf. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. 9 in. $\frac{1}{4}$ oz. 35c.	.10
Collection Double African. Six colors separate. $\frac{1}{4}$ oz. 50c.	.50	Majesty. Selected strain for pots or benches. 1-16 oz. \$1.00.	.50
French Varieties. Small flowers. 12 in.		New York Market. The finest of all the fancy varieties of Mignonette for Winter forcing. 1-16 oz. \$1.00.	.50
Dwarf Gold Striped. Rich and quaintly striped double flowers. $\frac{1}{4}$ oz. 50c.	.10	Sweet-scented (<i>Reseda odorata grandiflora</i>). The large flowering garden variety. Oz. 50c.	.10
Josephine. Single, dark brown flowers with edging of old-gold. 2 ft. $\frac{1}{4}$ oz. 50c.	.10	MIMOSA pudica (Sensitive Plant). H.H.A. An interesting plant with rosy-lilac flowers. The leaves close when touched. 12 in. $\frac{1}{4}$ oz. 50c.	.10
Legion of Honor. Single yellow blooms, marked with red. $\frac{1}{4}$ oz. 50c.	.10	MIMULUS. Showy, half-hardy annuals, with handsome flowers; excellent for pots or garden. 6 in.	
Dwarf Mixed, Double. $\frac{1}{4}$ oz. 35c.	.10	tigrinus, Spotted, Mixed. $\frac{1}{4}$ oz. 25c.	.10
Collection, Double French Dwarf. Six colors separate. $\frac{1}{4}$ oz. 50c.	.50	moschatus (Muskplant). Fragrant; for pots. 1-16 oz. \$1.00.	.15
MARVEL OF PERU (Four-o'Clocks). H.A. A well-known, handsome, free flowering garden favorite; does well everywhere. 2 ft. Mixed. Oz. 50c.	.10	MINA lobata. H.A.C. Rapid climber, crimson and orange flowers. 10 ft. $\frac{1}{4}$ oz. 25c.	.10
MATHIOLA bicornis (Evening Scented Stock). H.H.A. Very sweet-scented lilac flowers. 12 in. $\frac{1}{4}$ oz. 35c.	.10	MIRABILIS. (See MARVEL OF PERU .)	
MATRICARIA (Feverfew). H.H.P. Low growing plants; for beds and edgings. 12 in. $\frac{1}{4}$ oz. 50c.	.10	MOMORDICA. H.A.C. Trailing plants, with curious foliage and fruit.	
capensis plena. Dwarf double white. $\frac{1}{4}$ oz. 50c.	.10	balsamina (Balsam-apple). Orange fruit. $\frac{1}{4}$ oz. 25c.	.10
Golden Ball. Very striking double golden-yellow flowers. $\frac{1}{2}$ oz. \$1.00.	.25	charantia (Balsam-pear). Copper-colored scarlet fruit. $\frac{1}{4}$ oz. 25c.	.10
Silver Ball. Dainty double white, spherical flowers. 1-16 oz. \$1.00.	.25	MOONFLOWERS. (See IPOMOEA grandiflora .)	
MAURANDIA, Mixed Colors. H.H.P. Tender climber. $\frac{1}{4}$ oz. 50c.	.15	MORNING-GLORIES. (See IPOMOEA and CONVOLVULUS .)	
MECONOPSIS Baileyi. A beautiful new perennial originally found in Thibet in 1913. It bears an irregular cyme of nodding flowers of a glorious shade of sky blue, a ring of golden anthers adds to the beauty of the bloom. 1.00		MUSK. (See MIMULUS .)	
Integrifolia. The flowers resemble the Oriental Poppy, but of a beautiful soft clear shade of primrose-yellow. $\frac{1}{4}$ oz. 50c.	.50	MYOSOTIS, or FORGET-ME-NOTS. H.H.P. Fine for edging or in beds. Seed may be sown any time from Spring until Midsummer. 9 in. $\frac{1}{4}$ oz. 50c.	.15
MESEMBRYANTHEMUM crystallinum (Ice Plant). H.H.A. A dwarf trailing annual plant; flowers white. 6 in. $\frac{1}{4}$ oz. 35c.	.10	alpestris, Blue. $\frac{1}{4}$ oz. 50c.	.15
MIGNONETTE, Large Flowering. H.A. The popular fragrant garden annual. The seed can be sown at any time, and if successive sowings are made, its fragrant, modest colored flowers may be gathered outdoors until November. 12 in. $\frac{1}{4}$ oz. 35c.	.10	alpestris, Mixed Colors. White, blue, pink, etc. $\frac{1}{4}$ oz. 50c.	.15
Allen's Defiance. Full, round spikes of great length. $\frac{1}{4}$ oz. 35c.	.10	dissitiflora. Blooms very early; flowers blue. $\frac{1}{2}$ oz. \$1.00.	.25
Bismarck. Improved Dwarf. Machet variety. $\frac{1}{4}$ oz. 35c.	.10	palustris semperflorens. The true water Forget-me-not. Blooms from early Spring until Autumn. Dark blue. $\frac{1}{4}$ oz. \$1.00.	.25
		Marshall's Blue Bird. A very fine dark blue variety with long stems for Winter blooming. 1.00	
		Marshall's Royal Blue. Early and free flowering; color deep indigo blue. Fine for borders or cutting. $\frac{1}{2}$ oz. \$1.00.	.25
		robusta grandiflora, Eliza Fonrobert. Strong growing variety. $\frac{1}{4}$ oz. 75c.	.15
		Ruth Fischer. Compact growth; blue flowers. 50	
		Victoria. The plants are of dwarf, compact growth, with a multitude of bright blue flowers in dense umbels. $\frac{1}{4}$ oz. \$1.00.	.15



Nicotiana



Nigella, Miss Jekyll



Nemesis strumosa

Pkt.

NASTURTIUM (*Tropaeolum nanum*). H.A. **Tom Thumb, or Dwarf Varieties.** These have a compact habit and attractive foliage; bloom in two months from sowing, and most profusely the whole season. 12 in.

Aurora. Yellow-veined.....Oz. 25c. \$0.10

Beauty. Yellow and scarlet.....Oz. 25c. .10

Cloth of Gold. Scarlet, yellow foliage. Oz. 25c. .10

Empress of India. Crimson, dark foliage. Oz. 25c. .10

King Theodore. Garnet, dark foliage. Oz. 25c. .10

King of Tom Thumbs. Scarlet.....Oz. 25c. .10

Luteum. Bright yellow; no blotches. Oz. 25c. .10

Pearl. Creamy white.....Oz. 25c. .10

Rose Color......Oz. 25c. .10

Marshall's Dwarf Rainbow Mixture. These contain all the leading named sorts, mixed. Oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00 .10

Collection of 12 Varieties.....60

NASTURTIUM (*Tropaeolum majus*). H.A.C.

Tall, or Climbing Varieties. Adapted for rockwork, banks, covering trellises or rustic work; the seeds, if picked young, are an excellent substitute for capers. 6 ft.

Chameleon. Various colors on one plant. Oz. 25c. .10

Dark Crimson.....Oz. 25c. .10

King Theodore. Crimson; dark foliage. Oz. 25c. .10

Pearl. Creamy white.....Oz. 25c. .10

Rose Von Moltke.....Oz. 25c. .10

Scarlet.....Oz. 25c. .10

Yellow.....Oz. 25c. .10

Vesuvius. Salmon-rose.....Oz. 25c. .10

Marshall's Tall Rainbow Mixture. From the best varieties. Oz., 20c. $\frac{1}{4}$ lb. 60c., lb. \$2.00 .10

Collection of 12 varieties.....60

LOBB'S NASTURTIUMS (*Tropaeolum lobbianum*). H.A.C. Very free blooming. The most brilliant colors, climbing about 6 ft. Excellent for window boxes, vases and hanging baskets.

Lobb's Finest Mixture.....Oz. 25c. .10

Madame Gunther Hybrids. A French strain; noted for wide range of fine colors. . . Oz. 25c. .10

NEMESIA. H.A. Splendid for bedding or forcing in greenhouse.

strumosa grandiflora Suttoni. Mixed colors. Bushy plants; flowers of unique form. 12 in. 1-16 oz. \$1.00 .25

compacta Blue Gem. Large flowers of a pretty Forget-me-not blue; a fine pot plant. 1-16 oz. \$1.00 .25

compacta Triumph. New dwarf, compact. 6 in. Finest mixture.....1-16 oz. \$1.00 .25

NEMOPHILA. H.A. Splendid, free flowering annual, with cup-shaped flowers of many bright colors. 12 in.

Mixed Colors..... $\frac{1}{4}$ oz. 25c. .10

NICOTIANA affinis. H.A. Fragrant, star-shaped white flowers. 3 ft. $\frac{1}{4}$ oz. 35c. .10

affinis Hybrids. Large scented flowers, mixed shades..... $\frac{1}{4}$ oz. 50c. .10

Dwarf White. Adapted for pot work or borders, the sweet-scented flowers remain open all day. 18 in......25

Sanderae Hybrids. All colors. 4 ft. $\frac{1}{4}$ oz. 35c. .10

sylvestris. Large clusters of pure white flowers. 4 ft..... $\frac{1}{4}$ oz. 35c. .10

NIEREMBERGIA frutescens. H.H.P. For hanging baskets or borders; large, cup-shaped lilac flowers..... $\frac{1}{4}$ oz. 50c. .10

NIGELLA (Love-in-a-mist). H.A. Beautiful border plants. 18 in.

Miss Jekyll. A lovely variety with cornflower-blue blossoms; splendid for cutting. $\frac{1}{4}$ oz. 35c. .10

Miss Jekyll, White. Valuable for borders and cutting..... $\frac{1}{4}$ oz. 35c. .10

Finest Mixed. Blue, white and purple. $\frac{1}{4}$ oz. 30c. .10

OENOTHERA (Evening Primrose). H.A. Useful for exposed sunny position, blooming the entire Summer.

Afterglow. Yellow with brilliant red calyx flowers. 3 ft......15

Frazeri. H.P. Produces an abundance of yellow flowers. 12 in......15

Finest Mixed. 1 ft..... $\frac{1}{4}$ oz. 25c. .15

PANSY. H.H.P. The most popular flower grown. They thrive best in a cool, moist, but well-drained soil. Sow the seeds in April and May for Summer flowering and August for early flowers the following Spring. Our mixtures contain a large variety of colors.

Marshall's Special Mixture. Saved from only the largest and best shaped flowers of the richest colors. Fine for greenhouse flowering. 1-16 oz. \$3.00 1.00

Marshall's Greenhouse Mixture. A selection of varieties adapted for growing under glass. 1-16 oz. \$1.25 .50

Marshall's Matchless Mixture. This matchless strain consists entirely of the newest, best shaped and most handsome flowers, including an immense variety of brilliant colors. The seeds we offer are carefully saved from the largest, selected flowers. $\frac{1}{4}$ oz. \$2.00 .50

Marshall's Superb Giant Mixed. A rich and most choicely varied mixture producing only the finest colors, largest flowers and beautiful forms..... $\frac{1}{4}$ oz. \$1.50 .25

Masterpiece. A beautiful strain of blotched and curled varieties..... $\frac{1}{4}$ oz. 75c. .25

Giant Trimardeau, Mixed. Large flowers in a good variety of colors..... $\frac{1}{4}$ oz. \$1.00 .10



Pansy, Giant



Pentstemon



Petunia, fringed

PANSIES—Continued**GIANT PANSIES, In Varieties.**

Giant Adonis. A beautiful light blue.	$\frac{1}{8}$ oz. 75c.	\$0.15
Giant Cardinal. A very brilliant red.	$\frac{1}{8}$ oz. 75c.	.15
Giant Emperor. Ultramarine blue.	$\frac{1}{8}$ oz. 75c.	.15
Giant Fire King. Crimson-purple and golden yellow.	$\frac{1}{8}$ oz. 75c.	.15
Giant Golden Queen. Beautiful pure yellow.	$\frac{1}{8}$ oz. 75c.	.15
Giant Golden Yellow, with dark eye.	$\frac{1}{8}$ oz. 75c.	.15
Giant King of the Blacks.	$\frac{1}{8}$ oz. 75c.	.15
Giant Lord Beaconsfield. Violet, shaded white.	$\frac{1}{8}$ oz. 75c.	.15
Giant Orange King. Vivid orange.	$\frac{1}{8}$ oz. 75c.	.15
Giant Prince Bismarck. Light brown shade with black eye.	$\frac{1}{8}$ oz. 75c.	.15
Giant Snow Queen. Pure white.	$\frac{1}{8}$ oz. 75c.	.15
Giant Striped. Variety of markings.	$\frac{1}{8}$ oz. 75c.	.15
Giant Victoria. Wine-red shades.	$\frac{1}{8}$ oz. 75c.	.15
Giant White, with black eye.	$\frac{1}{8}$ oz. 75c.	.15
Collection of 6 Varieties, Giant Named.		.75
Collection of 12 Varieties, Giant Named.		1.50

PAPAVER. (See **POPPIES**.)**PASSIFLORA caerulea** (Passionflower). H.H.C.

Fast growing and free flowering, ornamental perennial climbers, with large, showy blue flowers, suitable for conservatory or outside in Summer.

PENTSTEMON. H.P. Highly useful and attractive hardy perennials, and much used in the hardy border. 2 ft.

gentianoides, Fine Mixed Colors. $\frac{1}{4}$ oz. 75c. .15

gloxinioides "Sensation." A grand variety of colors. Will bloom from seed in June if sown early in March.

Marshall's Matchless Hybrids. A superb mixture of perennial sorts. 1-16 oz. \$1.00 .25

PERILLA Nankinensis. H.A. Ornamental-leaved plants. 18 in.

$\frac{1}{4}$ oz. 25c. .10

PETUNIA. H.A. One of our easiest cultivated and freest flowering annuals. Will succeed almost anywhere and give a continuity of the most brilliant bloom from June till killed by frost. 18 in.

Marshall's Double Giant, Fringed, Finest Mixed Hybrids. An exceptionally fine strain, remarkable for the large, beautiful, colored double flowers.

Single Varieties:

Marshall's Superb Large-flowered Mixed (California Giants). Magnificent flowers with throats beautifully veined.

Marshall's Superb Large-flowered Fringed Mixed. Flowers with fringed and frilled edges; distinct and beautiful.

Large-flowered, Finest Mixed. Fine large flowers in superb mixture. 1-16 oz. \$1.50 .15

Pkt. PETUNIA—Continued

Fine Mixed. An assortment of medium-sized flowers; fine for bedding. $\frac{1}{4}$ oz. 50c. \$0.10

maculata, Striped and Blotched (Inimitable). Flowers quite large and handsomely striped and spotted. 12 in. $\frac{1}{4}$ oz. 50c. .10

Adonis. Very showy, fiery carmine, white throat, free blooming and compact growth. $\frac{1}{8}$ oz. \$1.00 .15

Balcony Blue. Adapted for vases and window boxes.

Balcony Rose.

Balcony White.

General Dodds. Fine dark red. $\frac{1}{4}$ oz. \$1.00 .15

Marshall's Purple Bedder. A beautiful purple bedding variety. 1-16 oz. \$1.00 .25

Marshall's Violet Queen. A grand Petunia for bedding, growing about 18 in. high and very free flowering.

Norma. Blue with white star, compact habit, very showy. 1-16 oz. \$1.00 .25

Rosy Morn. Soft carmine pink. $\frac{1}{8}$ oz. \$1.00 .15

Rose of Heaven. Brilliant rose pink. $\frac{1}{8}$ oz. 75c. .15

Snowball. Dwarf pure white; a fine bedding variety.

Snowstorm. Pure white; large flowering.

PHACELIA campanularia. H.A. Showy, with bright blue, bell-shaped flowers. 9 in.

$\frac{1}{4}$ oz. 50c. .10

PHLOX drummondii grandiflora. H.A. Improved, large-flowering strain of this famous garden annual. Prefers a light, rich loam in sun or semi-shade. Seed may be sown in the open ground any time after danger from frost is past. 12 in.

Blood-Purple. $\frac{1}{4}$ oz. 75c. .15

Brilliant Rose. $\frac{1}{4}$ oz. 75c. .15

Chamois Rose. $\frac{1}{4}$ oz. 75c. .15

Crimson. $\frac{1}{4}$ oz. 75c. .15

Isabellina. Yellow or primrose. $\frac{1}{4}$ oz. 75c. .15

Vivid Scarlet. $\frac{1}{4}$ oz. 75c. .15

White. $\frac{1}{4}$ oz. 75c. .15

stellata splendens. Starlike crimson. $\frac{1}{4}$ oz. 75c. .15

Choicest Mixed. Contains a very large variety of color. $\frac{1}{4}$ oz. 50c. .10

PHLOX, Large-flowering, Dwarf Varieties. Effective for beds or borders. 6 in.

nana compacta, Fireball. Bright red. $\frac{1}{8}$ oz. \$1.00 .15

nana compacta, Snowball. Compact, pure white. $\frac{1}{8}$ oz. \$1.00 .15

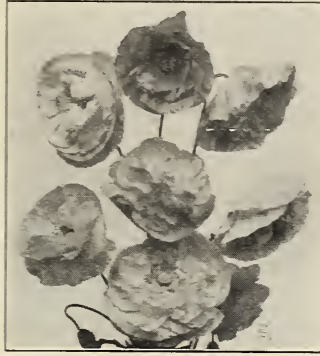
nana compacta, Mixed Colors. Star-shaped flowers. $\frac{1}{8}$ oz. \$1.00 .15

PHLOX, Hardy Perennial decussata. Most brilliant colored flowers in late Summer and Fall. 3 ft.

$\frac{1}{4}$ oz. \$1.00 .15



Polyanthus



Poppy, Double Annual



Portulaca

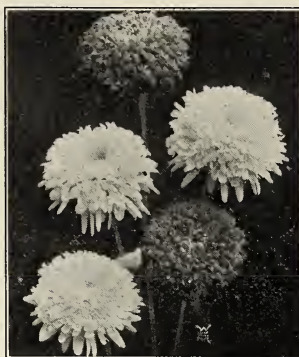
- PHYSALIS francheti** (Chinese Lantern). H.B. Balloon-like fruits. 3 ft. \$0.15
- PHYSOSTEGIA** (False-dragonhead). H.P. 3 ft. *virginica*. One of the prettiest hardy perennials. It forms dense bushes bearing freely spikes of delicate pink tubular flowers.
- virginica alba*. Pure white. 1/8 oz. 50c. .15
- PINKS.** (See **DIANTHUS**.)
- PLATYCODON**. H.P. The large-flowering Chinese Bellflowers. 2 ft.
- grandiflorum*. Large, steel-blue flowers. 1/8 oz. 50c. .15
- album*. Pure white variety. 1/8 oz. 50c. .15
- mariesi*. Dwarf, large-flowered blue. 12 in. 1/8 oz. 50c. .15
- POLEMONIUM coeruleum grandiflorum** (Jacobs-ladder). H.P. Deeply cut foliage and clusters of handsome blue flowers. 2 ft. 1/4 oz. \$1.00 .15
- grandiflorum album*. Pure white. 1/4 oz. \$1.00 .15
- POLYANTHUS** (*Primula elatior*). H.H.P. Desirable for greenhouse flowering or bedding out in the Spring. 9 in.
- Marshall's Matchless Gold Laced**. Saved from the largest flowers in a wide range of colors.50
- Munstead Giants**. A magnificent strain of Bunch Primroses in shades of yellow and white.50
- POPPIES**. Showy, free blooming, old-fashioned flowers. Very effective in mixed borders.
- Single Annual Varieties**, 12-in.
- glaucum* (The Scarlet Tulip Poppy). 1/4 oz. 35c. .10
- King Edward**. Free flowering, beautiful scarlet. 1/4 oz. 35c. .10
- Miss Sherwood**. Flowers satiny-white and chamois-rose. 1/4 oz. 30c. .10
- Marshall's Extra Selected Shirley**. A grand variety of colors, saved from selected flowers. Their brilliant, dazzling coloring and wonderful variety make a very effective display in the garden or for cut flowers. 1/4 oz. 35c. .10
- American Legion**. Brilliant orange-scarlet, yellow anthers. Should be grown extensively for Poppy Day. 1/4 oz. 50c. .10
- Blue Shirley**. A splendid assortment of colors. 1/4 oz. 50c. .10
- Rose Pink Shirley**. A beautiful pink variety. 1/4 oz. 50c. .10
- The Bride**. A beautiful variety with large, pure white flowers. 1/4 oz. 30c. .10
- Virginia**. Flowers white, edged soft pink; fringed. 1/4 oz. 30c. .10
- Double Annual Varieties**.
- American Flag**. White, edged red. 1/4 oz. 25c. .10
- Carnation-flowered**. Mixed colors. 1/4 oz. 25c. .10
- Eldorado Double Mixed**. A double form of Shirley Poppy, in choice mixture. 1/4 oz. 35c. .10

POPPIES—Continued

- Mikado**. White, edged scarlet. 1/4 oz. 25c. .10
- Paeony-flowered**. Mixed colors. 1/4 oz. 25c. .10
- White Swan**. Large, beautifully fringed white flowers. 1/4 oz. 25c. .10
- Hardy Perennial Varieties:**
- bracteatum**. Orange-scarlet, hardy Poppy. 1/4 oz. 25c. \$.10
- Iceland Poppies**. While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts.
- nudicaule** (Iceland Poppy). Dwarf, bright yellow. 1/4 oz. 50c. .15
- aurantiacum**. Orange. 1/4 oz. 50c. .15
- album**. Pure white. 1/4 oz. 50c. .15
- Marshall's Sunbeam**. A superior strain with extra large flowers in a bewildering assortment of shades of orange, yellow, etc.25
- Mixed Iceland Poppies**. 1/4 oz. 50c. .15
- Oriental Poppies, Mixed Hybrids**. 3 ft.15
- Finest shades**. 1/4 oz. 50c. .15
- PORTULACA**. H.A. One of the freest flowering dwarf annuals, especially adapted for sunny locations. Flowers of the most brilliant colors. 6 in.
- Single Rose**. 1/4 oz. 50c. .10
- Single Scarlet**. 1/4 oz. 50c. .10
- Single White**. 1/4 oz. 50c. .10
- Single Yellow**. 1/4 oz. 50c. .10
- Single Mixed**. All colors. 1/4 oz. 35c. .10
- Double Large Flowering**. Will produce a large percentage of double flowers in many colors.
- Finest Mixed**. 1/4 oz. \$1.25 .15
- POTENTILLA**. H.P. Splendid hardy perennials with ornamental foliage and brilliant flowers in shades of yellow and red from June to August. 2 ft.
- Single Mixed**. Various shades of yellow and brown.15
- Double Hybrids, Mixed**.25
- PRIMULA sinensis fimbriata** (Chinese Primrose). G.P. A charming profuse flowering plant indispensable for Winter and Spring decoration.
- Marshall's Giant**. Deep blue.50
- Pure white**.50
- Salmon**.50
- Scarlet**.50
- Matchless Mixed**.50
- PRIMULA obconica**. One of the most useful greenhouse plants.
- obconica gigantea alba**. White.50
- lilacina**. Lilac.50
- kermesina**. Crimson.50
- rosea**. Rose.50
- Finest Mixed**.50
- Eureka**. A new giant form of obconica. Rich rosy carmine, shaded cerise, a clear yellow eye. 1.00



Primula malacoides



Pyrethrum, Double



Salpiglossis

PRIMULA—Continued.

	Pkt.
malacoides. A charming free flowering pot plant; delicate lilac.....	\$0.50
— alba. Pure white.....	.50
— rosea. Charming rose-pink.....	.50
— superba. Larger flowers and much deeper in color than malacoides.....	.50
— robusta. A clear rosy-lavender shade with yellow eye.....	.50
— Pink Beauty. Large flowers of a beautiful rosy-pink, shading to mauve.....	.50
Kewensis. Bright yellow, fragrant flowers... stellata (The Star Primula). Excellent pot plants for decoration purposes. Mixed colors.	.50
HARDY PRIMULAS or Primroses.	
Beesiana. Very free flowering. Glowing velvety purple with yellow eye.....	.50
Japonica (Japanese Primrose). Mixed colors..	.50
Marshall's New Blue. H.P. Many shades of blue to deep violet.....	.50
vulgaris. English yellow Primrose. $\frac{1}{8}$ oz. \$1.00	.25
vulgaris Hybrids. Very choice hybrids of the English Yellow Primrose.....	.25
PYRETHRUM. H.H.P. Fine for edging and borders. 6 in.	
aureum Golden Feather. Bright yellow foliage..... $\frac{1}{4}$ oz. 50c.	.10
aureum Golden Gem $\frac{1}{4}$ oz. 50c.	.10
hybridum. H.P. Large Daisy or Cosmos-like flowers; blooms in early Summer and late Fall. 18 in.	
Single. Large-flowering, mixed colors. $\frac{1}{4}$ oz. \$1.00	.15
hybridum fl. pl., Double. Large-flowering, beautiful colors..... $\frac{1}{8}$ oz. \$2.00	.25
REHMANNIA angulata. H.H.P. Flowers rose-purple with spotted throat. 3 ft.....	.25
RHODANTHE (Swan-river Everlasting). H.A. Handsome pink and white, annual everlasting, excellent for bouquets of dried flowers. 1 ft.	
maculata. Rose with dark center. $\frac{1}{4}$ oz. 35c.	.10
— alba. Pure white..... $\frac{1}{4}$ oz. 35c.	.10
Finest Mixed. $\frac{1}{4}$ oz. 35c.	.10
RICINUS (Castor Oil Plant). H.A. From seed they quickly attain gigantic proportions and are ornamental till destroyed by frost. 6 ft.	
cambogensis. Maroon foliage..... Oz. 35c.	.10
gibsoni. Purplish leaves and stems... Oz. 35c.	.10
panormitanis. Large dark brown leaves, blue powdered stems, upright habit..... Oz. 35c.	.10
sanguineus. Red stems..... Oz. 35c.	.10
zanzibarensis, Mixed. Immense leaves. 8 ft. Oz. 35c.	.10
Mixed Varieties. Oz. 25c.	.10
ROCKET, SWEET (Hesperis). H.P. A very interesting, useful, free-flowering plant. 18 in.	
Purple. Beautiful purple color..... $\frac{1}{4}$ oz. 35c.	.10
White. Flowers rosy white..... $\frac{1}{4}$ oz. 35c.	.10
Finest Mixed Colors. $\frac{1}{4}$ oz. 35c.	.10

	Pkt.
ROMNEYA coulteri (The California Tree Poppy). H.H.P. Large, snowy white flowers. Requires protection in Winter. 2 ft.....	.25
RUDBECKIA bicolor superba. H.A. Yellow flowers. 2 ft..... $\frac{1}{4}$ oz. 50c.	.15
Newmanni. H.P. Bright orange with black cone. 2 ft.....	.15
purpurea hybrida grandiflora. H.P. Beautiful large-flowered hybrids. 2 ft.....	.15
SALPIGLOSSIS. H.A. One of the prettiest annuals, of easy culture; very showy in beds or borders. Orchid-like flowers from early Summer until late Fall. 2 ft.	
Marshall's Matchless Varieties:	
Chamois. $\frac{1}{8}$ oz. 50c.	.15
Golden Yellow. $\frac{1}{8}$ oz. 50c.	.15
Scarlet. $\frac{1}{8}$ oz. 50c.	.15
Rose and Gold. $\frac{1}{8}$ oz. 50c.	.15
Scarlet and Gold. $\frac{1}{8}$ oz. 50c.	.15
Violet. $\frac{1}{8}$ oz. 50c.	.15
Violet and Gold. $\frac{1}{8}$ oz. 50c.	.15
Yellow and White. $\frac{1}{8}$ oz. 50c.	.15
Matchless Mixture. All colors... $\frac{1}{4}$ oz. 75c.	.15
Large Flowering. Mixed colors... $\frac{1}{4}$ oz. 35c.	.10
Collection of 6 Separate Colors......	.75
SALVIA (Flowering Sage). H.A. One of our most handsome Summer and Autumn-flowering plants, growing into compact bushes 2 to 3 ft. high and literally ablaze with brilliant flowers.	
azurea grandiflora. H.P. Pretty sky-blue flowers in August and Sept. 4 ft. $\frac{1}{8}$ oz. \$1.00	.25
America, or Globe of Fire. The earliest, freest and most continuous bloomer... $\frac{1}{8}$ oz. \$1.00	.25
Blue Beard (Clary). Elegant plant with showy spikes of bright purple flowers. $\frac{1}{4}$ oz. 35c.	.10
Bonfire. A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. $\frac{1}{8}$ oz. 75c.	.15
farinacea. H.H.P. Light blue flowers, long spikes..... $\frac{1}{8}$ oz. 75c.	.25
Harbinger, Early Flowering. A dwarf variety which will come into flower in early Summer. Spikes of dazzling bright scarlet flowers. 1 ft.	.25
Ostrich Plume. The plants are well covered with brilliant scarlet plumes.... $\frac{1}{8}$ oz. \$1.00	.15
Salmon Beauty. A superior strain with salmon colored blooms, $1\frac{1}{2}$ ft. high.....	.25
splendens grandiflora (Scarlet Sage). A rich flowered bedder..... $\frac{1}{4}$ oz. \$1.00	.10
Summer-flowering Fireball. A brilliant scarlet variety, July. 2 ft.....	.25
Zurich. Early flowering; color brilliant scarlet. 12 in..... $\frac{1}{4}$ oz. 75c.	.25
patens. H.H.P. Magnificent blue flowers $\frac{1}{8}$ oz. \$1.50	.25



Scabiosa



Schizanthus



Stokesia cyanea

- | | Pkt. | | Pkt. |
|--|------|---|------|
| SANVITALIA procumbens fl. pl. H.A. Pretty bright double yellow flowers. 6 in. $\frac{1}{4}$ oz. 50c. | .10 | SENSITIVEPLANT. (See MIMOSA pudica.) | |
| SAPONARIA calabrica. Dwarf annual with pink starry flowers. 2 ft. $\frac{1}{4}$ oz. 35c. | .10 | SHAMROCK. G.P. True small-leaved variety. $\frac{1}{4}$ oz. 50c. | .15 |
| vaccaria. Graceful sprays of pale rose flowers. Also used as a greenhouse pot plant. 2 ft. $\frac{1}{4}$ oz. 35c. | .10 | SIDALCEA, Stark's Hybrids. H.P. A hardy border plant. All shades from bluish pink, rose, carmine and crimson. 2 to 4 ft. | .50 |
| SCABIOSA, or MOURNING BRIDE. H. A. One of our best Summer flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. $2\frac{1}{2}$ ft. | | SILENE (Catchfly). Very pretty and profuse blooming plants. | |
| Large-flowering Tall Double Varieties: | | compacta. H.A. Double. Mixed colors. 2 ft. $\frac{1}{4}$ oz. 35c. | .10 |
| Cherry Red. $\frac{1}{4}$ oz. 40c. | .10 | orientalis. H.P. Large, globular heads of bright rose flowers, which are clove-scented. Useful for cutting. 2 ft. $\frac{1}{4}$ oz. 35c. | .10 |
| Fiery Scarlet. $\frac{1}{4}$ oz. 40c. | .10 | SMILAX (Myrsiphyllum asparagoides). G.P. Popular greenhouse climber with small dark green foliage. $\frac{1}{4}$ oz. 25c. | .10 |
| King of the Blacks. Deep purple-black. $\frac{1}{4}$ oz. 40c. | .10 | SNAPDRAGON. (See ANTIRRHINUM.) | |
| Lavender Blue. $\frac{1}{4}$ oz. 40c. | .10 | SOLANUM capsicastrum nanum (Jerusalem Cherry). G.P. Ornamental plant for Winter decoration, with bright scarlet berries. $\frac{1}{4}$ oz. 50c. | .15 |
| Peach Blossom. A beautiful shade of peach blossom pink, of large size and long stems. An excellent cut flower. $\frac{1}{4}$ oz. \$1.00 | .25 | Cleveland. Valuable as a pot plant. Brilliant red fruit. | .25 |
| Rose Pink. $\frac{1}{4}$ oz. 40c. | .10 | STATIC. H.A. Beautiful free-flowering plants adapted for beds or borders. The flowers, when dried, make pretty decorations for Winter use. $1\frac{1}{2}$ to 2 ft. | |
| Pure White. $\frac{1}{4}$ oz. 40c. | .10 | bonduei. Bright yellow flowers. $\frac{1}{4}$ oz. 35c. | .10 |
| Finest Mixed. All colors. $\frac{1}{4}$ oz. 35c. | .10 | sinensis. Very graceful plant; flowers pure white with canary yellow. $\frac{1}{8}$ oz. 50c. | .10 |
| Dwarf Double. Many colors mixed. $\frac{1}{4}$ oz. 35c. | .10 | sinuata Blue. A light shade of blue. | .25 |
| Perennial Varieties: | | —candidissima. Pure white. | .25 |
| caucasica alba. Delicate white flowers. 2 ft. $\frac{1}{8}$ oz. \$1.25 | .25 | —rosea superba. Fine bright rose. | .25 |
| caucasica. Silvery lavender-blue. $\frac{1}{8}$ oz. \$1.25 | .25 | —True Blue. Fine deep blue. | .25 |
| SCHIZANTHUS (Butterflyflower). H. H. A. Beautiful and showy, erect growing, hardy annuals for house or garden; very free-flowering, continuing through the Summer and Autumn. $1\frac{1}{2}$ ft. | | —hybrida Mixed. Flowers mauve, purple, white and yellow. $\frac{1}{4}$ oz. 50c. | .10 |
| Dr. Badger's Hybrids. Fern-like bright green foliage, covered with a beautiful range of colors. Grand for pot culture. | .50 | suworowi. Flowers bright rosy color; fine for Winter decorations. $\frac{1}{8}$ oz. 50c. | .10 |
| Grahami. Free flowering red variety. | .25 | incana hybrida nana Mixed. H.P. A charming variety of Sea-lavender. Fine for bouquets. $\frac{1}{4}$ oz. 50c. | .10 |
| hybridus grandiflorus, Finest Mixed. Very choice. $\frac{1}{4}$ oz. 35c. | .10 | latifolia. H.P. Lavender-blue flowers. $\frac{1}{4}$ oz. 50c. | .10 |
| Pink Beauty. An exquisite shade of rose-pink. Fine for pot plants. | .50 | perezi. H.H.P. A beautiful bright blue. Adapted for borders and greenhouse forcing. $1\frac{1}{2}$ ft. | .25 |
| retusus. Beautiful red and yellow flowers. | .15 | STEVIA serrata. G.P. A greenhouse plant with fragrant, tiny white flowers; exceedingly valuable for cutting. 2 ft. $\frac{1}{4}$ oz. 75c. | .15 |
| retusus albus. White blotched with golden yellow. | .15 | STOKESIA cyanea. H.P. Lavender-blue flowers. 2 ft. $\frac{1}{4}$ oz. \$1.00 | .15 |
| wisetonensis, Marshall's Select Hybrids. Flowers varying from white with yellow eye to rose with bronze center. Fine for pots. | .25 | Finest Mixed. A mixture of pink, purple, blue and white shades. $\frac{1}{4}$ oz. 75c. | .15 |
| wisetonensis compacta, Mixed. Beautiful and varied colors. | .25 | | |
| wisetonensis Snowflake. Pure white flowers, beautifully fringed. | .50 | | |
| SENECIO elegans fl. pl. (Jacobaea). H.A. Free flowering pretty annual. Mixed colors. 18 in. | .15 | | |



Stocks, Giant Perfection



Sunflower



Sweet William

STOCKS (Gilliflower). H.A. One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for Winter cultivation in the greenhouse as for the garden in Summer; invaluable as cut flowers.

Marshall's Giant Perfection Ten-Weeks. A splendid double-flowered strain; especially adapted for bedding or pot culture.

Chamois Rose	$\frac{1}{8}$ oz.	\$1.00	\$0.25
Dark Blue	$\frac{1}{8}$ oz.	\$1.00	.25
Crimson	$\frac{1}{8}$ oz.	\$1.00	.25
Flesh Color	$\frac{1}{8}$ oz.	\$1.00	.25
Light Blue	$\frac{1}{8}$ oz.	\$1.00	.25
Pure White	$\frac{1}{8}$ oz.	\$1.00	.25
Rose	$\frac{1}{8}$ oz.	\$1.00	.25
Scarlet	$\frac{1}{8}$ oz.	\$1.00	.25
Yellow	$\frac{1}{8}$ oz.	\$1.00	.25
Finest Mixed. All Colors	$\frac{1}{8}$ oz.	\$1.00	.25
Collection of Six Colors			1.25
Collection of Nine Colors			2.00
Large Flowering Ten-Weeks, Mixed Colors.	$\frac{1}{4}$ oz.		.75c. .10

Winter Flowering Stocks:

Cut - and - come - again, Princess Alice.			
Double white.....			.25
Beauty of Nice. Splendid rose color.....			.25
Crimson King. Brilliant fiery crimson.....			.25
Empress Elizabeth. Carmine-rose.....			.25
Giant Abundance. Carmine-rose.....			.25
Mont Blanc. Pure white.....			.25
Queen Alexandra. Delicate rosy lilac.....			.25
Summer Night. Deep blue.....			.25
White Lady. Large, double, snow-white.....			.25
Yellow, Monte Carlo. Clear yellow.....			.25
Any of the above varieties.....	$\frac{1}{8}$ oz.	\$1.25	
East Lothian. Valuable for beds or borders and for greenhouses during the Winter months. For early Summer flowering, the seed should be sown in the Fall and plants wintered over in frames.			
Finest Mixed.	1-16 oz.	\$1.00	.25

STREPTOCARPUS. Handsome greenhouse perennial, with Achimene-like flowers in clusters on slender stems. Treatment same as for Gloxinia.

Choice Mixed Hybrids..... .50

SUNFLOWER. H.A. Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all Summer.

Double Californian. Deep yellow. 5 ft.			
	Oz. 50c.		.10
Single Russian. Enormous flowers. 6 ft.			
	Oz. 30c.		.10
Double Globe-shaped. Orange. 5 ft. Oz. 35c.			.10
Chrysanthemum-flowered. Rich golden yellow flowers. 5 ft.....	Oz. 60c.		.10

Pkt. **SUNFLOWER—Continued** Pkt.

cucumerifolius (Miniature Sunflower). Of pyramidal growth; covered with bright orange, small single flowers. 3 ft.....	$\frac{1}{4}$ oz.	.25c. .10
cucumerifolius hybridus fl. pl. Splendid double varieties. 3 ft.....	$\frac{1}{4}$ oz.	.30c. .10
Marshall's "Excelsior" cucumerifolius Hybrids. Shades of red, purple, mahogany and yellow. 4 ft.....	$\frac{1}{8}$ oz.	.50c. .10
Orion. A variety of Stella with twisted petals. 3 ft.....	$\frac{1}{4}$ oz.	.25c. .10
Red Hybrids. "The Red Sunflower." Large flowers in various shades of red and dark centers. 4 ft.....	$\frac{1}{4}$ oz.	.25c. .10
Stella (Improved Miniature Sunflower). Yellow. 3 ft.....	$\frac{1}{4}$ oz.	.25c. .10
perennis Hybrids. Mixed hardy varieties. 3 ft.....		.25
questifolius "Autumn Glory." H.P. The flowers are golden yellow. Plants grow about 6 ft. and bloom profusely in the late Fall.	$\frac{1}{4}$ oz.	\$1.00 .15

SWEET SULTAN. (See CENTAUREA.)

SWEET PEAS. (See pages 24 and 25.)

SWEET ROCKET. (See ROCKET.)

SWEET-WILLIAM (Dianthus barbatus). H.B. Showy, of easy culture; splendid for beds and borders with their rich varied flowers. $1\frac{1}{2}$ ft. **Double-flowering, Mixed.**..... $\frac{1}{4}$ oz. 50c. .10

Carmine Beauty. A charming shade of color. $\frac{1}{4}$ oz. 75c. .10

Diadem. A deep rich crimson, with white eye. $\frac{1}{4}$ oz. 40c. .10

Giant White. Pure white..... $\frac{1}{4}$ oz. 75c. .10

Newport Pink. Salmon rose-pink flowers borne on long stems..... $\frac{1}{4}$ oz. 75c. .10

Pink Beauty. Very free flowering. $\frac{1}{4}$ oz. 75c. .10

Scarlet Beauty. Intensely rich deep scarlet. $\frac{1}{4}$ oz. \$1.00 .10

Single-flowering, Finest Mixed Colors. $\frac{1}{4}$ oz. 25c. .10

Single Annual Mixed. Flowers of good size. Will bloom the first year. 12 in. $\frac{1}{4}$ oz. 50c. .10

Collection of Sweet-William. Six varieties. .50

TAGETES signata pumila. H.A. A dwarf, bushy Marigold, with golden yellow flowers. Fine for bedding. 12 in..... $\frac{1}{4}$ oz. 50c. .10

THUNBERGIA. H.A.C. Beautiful, rapid-growing climbers. 5 ft.

Finest Mixed..... $\frac{1}{4}$ oz. 50c. .10

TORENIA. H.H.A. Tender trailing plants for vases or baskets. 12 in.

fournieri. Velvety blue..... .25

"The Bride." White and rose..... .25

THALICTRUM. H.H.P. Graceful plants resembling Maidenhair ferns. Extensively used for bouquets.

adiantifolium. Yellow flowers. 1 ft..... .25

dipterocephalum. Rosy-purple with citron-yellow anthers. 3 ft..... .25



Tritoma



Verbena



Trollius

- | | Pkt. | | Pkt. |
|--|------------------|---|------------------|
| TRACHELIUM coeruleum. G.P. A free-flowing plant with cloud-like heads of mauve flowers. 1½ ft. | .25 | VINCA. H.H.P. Splendid, plants for bedding and edging; glossy, dark-green foliage and pretty pink and white flowers. 2 ft. | |
| TRITOMA. H.H.P. Often called the Flame-flower, useful for borders and cutting. Plants should be well protected in Winter. 3 ft. | | alba pura. Pure white. | ¼ oz. 60c. .10 |
| hybrida Mixed. Red and orange colors. | .25 | alba rosea. White, crimson eye. | ¼ oz. 60c. .10 |
| semperflorens. Orange-red. | .15 | delicata. A beautiful soft rose color. | ¼ oz. 60c. .10 |
| Stark's Early Hybrids. A new perpetual flowering race. The colors embrace yellows and salmons to deep crimsons. | .25 | rosea. Rose, dark eye. | ¼ oz. 60c. .10 |
| TROLLIUS (Globeflower). Charming Spring-flowering, hardy perennials with large, globular, Buttercup-like flowers varying in color from creamy white to orange. 2 ft. | | Mixed. | ¼ oz. 60c. .10 |
| Orange Globe Hybrids. Newest large-flowering varieties. | .25 | VIOLA, Bedding Varieties. H.H.P. Large flowering, self colors. 6 in. | |
| TROPAEOLUM lobianum. (See NASTURTIIUM .) | | Mixed. From best named Scotch varieties. | ⅛ oz. \$1.00 .25 |
| VALERIAN, Red. H.P. Showy, hardy plant for the garden and rockery. 2 ft. ¼ oz. 30c. | .10 | VIOLA, Tufted Pansies. H.H.P. Valuable for bedding and may be grown in the same manner as Pansies. Very free flowering. 6 in. | |
| VERBENA. H.A. The Verbena is a universal garden favorite, very few plants making a more gorgeous display of brilliant flowers from Spring till late in the Autumn. 12 in. | | Admiration. Soft purple, dark blotched. | ⅛ oz. 75c. .15 |
| grandiflora erecta Royal Bouquet. A valuable decorative plant for bedding or growing in pots. Mixed colors. | .25 | Haslemere. A distinct variety with rosy-lilac flowers. | .25 |
| Hybrida colossea. A new vigorous, free blooming type. A valuable and indispensable variety. Color, rose with white eye. | .50 | Jersey Gem. The flowers are a pleasing shade of deep violet-blue. | .50 |
| hybrida gigantea Mixed. A greatly improved strain producing giant florets in many colors. | .15 | lutea grandiflora. Orange. | ⅛ oz. 75c. .15 |
| Mammoth candidissima. Large trusses of white flowers. | ¼ oz. 75c. .15 | Mauve Queen. Pretty mauve. | ⅛ oz. 75c. .15 |
| coerulea. Bright blue and purple in various shades. | ¼ oz. 75c. .15 | White Perfection. The best white. | ⅛ oz. 75c. .15 |
| Helen Willmott. A very pretty bright salmon-rose, with white eye. | ¼ oz. \$1.00 .15 | Finest Mixed. All colors. | ¼ oz. \$1.00 .15 |
| Lucifer. Intense brilliant scarlet with no eye. | ¼ oz. 75c. .15 | VIOLET, Viola odorata. H.P. Sweet-scented Violet, blue. 6 in. | .25 |
| Mayflower. A beautiful pink variety. | ¼ oz. 75c. .15 | VISCARIA. H.A. Showy and profuse blooming plants, very effective in small beds or borders. | |
| Yellow. Primrose color. | ¼ oz. 75c. .15 | Blue Gem. Light ultramarine blue. 6 in. | .25 |
| Finest Mixed. Extra choice. | ¼ oz. 75c. .10 | Rosy Gem. Bright carmine rose. 6 in. | .25 |
| Lemon Verbena (Aloysia citrodora); Lemon scented leaves. | .15 | Finest Mixed. | ¼ oz. 25c. .10 |
| venosa. Purple flowers. Blooms the first year from seeds. | ¼ oz. 50c. .15 | WALLFLOWER. H.H.P. Old fashioned fragrant plants blooming in early Spring. They should be protected in a coldframe in the Winter, and planted out in April. 12 in. | |
| VERBASCUM Miss Willmott. H.P. A lovely hardy plant with large, ivory-white spikes of flowers. 5 ft. | .50 | Allioni (Alpine Wallflower). (See CHEIR-ANTHUS .) | |
| phoeniceum. H.P. Various colors, including white, pink, blue, mauve and purple. 12 in. | ¼ oz. 50c. .15 | Kewensis. Very fragrant, sulphur-yellow flowers, passing to orange-yellow or purple-violet. Fine for Winter flowering in greenhouse. | ⅛ oz. 75c. .15 |
| VERONICA H.P. Splendid, hardy perennials with showy spike of bright-colored flowers; fine border plant. 1½ to 2 ft. | | Single Fine Mixed. Hardy varieties. | ¼ oz. 35c. .10 |
| spicata Blue. Bright blue. | ¼ oz. 50c. .15 | Double Fine Mixed. Hardy varieties. | ⅛ oz. \$1.00 .25 |
| | | Annual Varieties. If sown in heat during March these will flower during the Summer and Autumn. Excellent for forcing. | |
| | | Early Wonder. A new double annual flowering type. Mixed colors. | .50 |
| | | Early Paris Market. Bright brown. | ¼ oz. 50c. .15 |
| | | Blood-red. | ¼ oz. 50c. .15 |
| | | WILD CUCUMBER. (See ECHINOCYSTIS .) | |
| | | XERANTHEMUM. H.A. Showy, hardy annual of easy culture, giving a profusion of flowers; well suited to drying as everlasting. 1½ to 2 ft. | |
| | | Double Mixed. | ¼ oz. 50c. .10 |



Zinnia, Matchless double.

ZINNIAS (Youth and Old Age). H.A. These well-known garden favorites are one of the most brilliant Summer-flowering plants. The flowers are large, very handsome, and borne in great profusion. They succeed best in a sunny situation. 2 ft.

Matchless, Double Tall Varieties.

Double, Crimson	$\frac{1}{4}$ oz. 75c.	\$0.15
Lavender	$\frac{1}{4}$ oz. 75c.	.15
Purple	$\frac{1}{4}$ oz. 75c.	.15
Rose	$\frac{1}{4}$ oz. 75c.	.15
Scarlet	$\frac{1}{4}$ oz. 75c.	.15
White	$\frac{1}{4}$ oz. 75c.	.15
Yellow	$\frac{1}{4}$ oz. 75c.	.15
Fine Mixed	$\frac{1}{4}$ oz. 60c.	.15
Collection of Six Colors, Matchless Double Varieties.....		.75

Pkt.

ZINNIA—(Continued)

Pkt.

Achievement. It is distinct from other Zinnias by the shape of its petals, which are tubular at the base and expand in a Cactus-like form at the tips. Very large flowers in various shades..... $\frac{1}{4}$ oz. 60c. .15

Giant Dahlia-flowered. These are similar to the Double Dahlia in size and shape of flowers. 2 $\frac{1}{2}$ ft.

Buttercup. Deep creamy-yellow..... .25

Crimson Monarch. Largest of the red shades..... .25

Dream. Deep lavender, turning to purple. .25

Exquisite. Light rose, with center a deep rose..... .25

Golden State. A very rich orange-yellow... .25

Oriole. An immense orange and gold bicolor. .25

Polar Bear. A very large pure white..... .25

Scarlet Flame. A large, beautiful bright scarlet..... .25

Dahlia-flowered Mixed..... .25

Any of the above varieties, $\frac{1}{8}$ oz. \$1.00

Collection of 8 varieties..... 1.75

haageana "Perfection." Small, double flowers in many colors, makes a beautiful border. 9 in. Finest mixed..... $\frac{1}{8}$ oz. \$1.00 .25

Dwarf Double Varieties. Height 1 ft.

Dwarf Golden Yellow..... $\frac{1}{4}$ oz. 50c. .10

Dwarf Salmon Rose. A good bedder. $\frac{1}{4}$ oz. 50c. .10

Dwarf Scarlet Gem. Fine for bedding. $\frac{1}{4}$ oz. 50c. .10

Dwarf. Double mixed. Large flowering. $\frac{1}{4}$ oz. 35c. .10

Tall Double Mixed. Very double; a fine strain..... $\frac{1}{4}$ oz. 50c. .10

WILD GARDEN FLOWER SEEDS

This mixture contains over 100 varieties of the oddest and choicest annuals imaginable. For naturalizing purposes or sowing broadcast, nothing approaches wild garden flower seeds for effect and cheapness. No care is necessary, and a never-ending succession of bloom and fragrance can be obtained throughout the entire Summer and Fall. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Marshall's Early or Winter-Flowering Sweet Peas

The following varieties are a selection of the best Winter flowering varieties. They are also suitable for outside planting. $\frac{1}{4}$ oz. Oz.

Aviator. Dazzling crimson scarlet.....	\$0.35	\$1.00
Canary Bird. A splendid cream of primrose colored self.....	.35	1.00
Chevalier. True rose color.....	.35	1.00
Columbia. Salmon rose, standard white wings.....	.35	1.00
Early Giant Rose. A large flower of superb rose pink.....	Pkt. 25c. 1.50	3.50
Early Hercules. A mammoth rosy pink.....	.35	1.00
Harmony. Clear lavender.....	.35	1.00
Lavender King. Lavender. True color.....	.35	1.00
Loveliness. White, edged rose-pink.....	.35	1.00
Mauve Beauty. Rosy mauve, beautifully waved, four flowers on stem.....	.35	1.00
Morning Star. A deep orange-scarlet, with rich orange-pink wings.....	.35	1.00
Mrs. A. A. Skaach. A beautiful bright pink self.....	.35	1.00
Mrs. Kerr. A very large salmon.....	.50	1.50
Mrs. Warren G. Harding. A beautiful shade of silvery blue.....	.50	1.50
New Blue. A splendid deep blue.....	.50	1.50
Snowstorm Improved. The finest of all the white varieties.....	.35	1.00

Spring Maid. The color is a light pink on a cream ground..... $\frac{1}{4}$ oz. .35 Oz. 1.00

Sunburst. An attractive shade of rich salmon-pink, overlaid with amber and salmon..... \$0.35 \$1.00

Superior Pink. A beautiful rose pink, very slightly shaded with salmon. Pkt. 25c. 1.50 3.50

True Blue. A charming shade of true or light violet-blue..... .50 1.00

Vulcan. The most vivid scarlet..... .35 1.00

White Harmony. A first-class black-seeded white. Superb..... Pkt. 25c. 1.50 3.50

Yarrowa. The finest pink forcer..... .35 1.00

Zvolanek's Blue. A very bright blue... .35 1.00

Zvolanek's Orange. Orange-pink..... .35 1.00

Zvolanek's Rose. A beautiful self, rose color..... .50 1.50

Early Flowering Mixed..... .35 1.00

Each of the above varieties, pkt. 15c.

CUPID, or DWARF SWEET PEAS

These grow about 9 inches high and are adapted for borders or beds.

Finest Mixed Colors. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Sweet Peas and Flower Seeds treated with "SEMESAN" will give better germination.

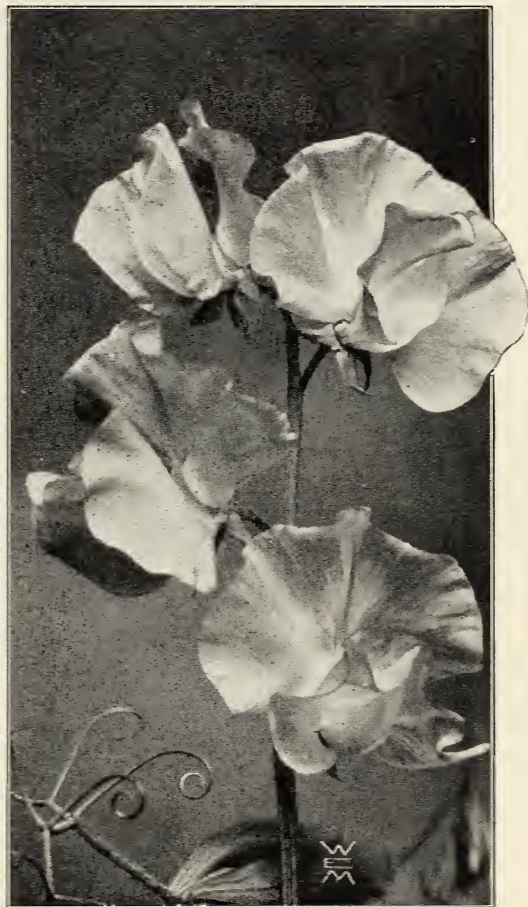
SWEET PEAS

There are no Annual Climbers that are more popular or more universally admired than Sweet Peas. They are of the easiest culture, unrivaled for cutting, delightfully fragrant, while their colors are amongst the brightest and daintiest in the floral world. As soon as the ground can be worked in the Spring, sow the seed in trenches at least 6 inches in depth, then as the plants grow fill in the soil about one inch at a time until the trenches are full, taking care not to cover the young plants. Liquid manure applied occasionally will be found very beneficial. Pick the flowers frequently, for if allowed to form seed the plants will soon stop blooming.

MARSHALL'S SPENCER TYPE SWEET PEAS

The Spencer Types of Sweet Peas are a great improvement over the large flowering varieties. For cutting and exhibition purposes they are indispensable. The following varieties are a selection of the many kinds of this class best adapted for general use.

- Apple Blossom Spencer.** Rose standards, blush rose, wings beautifully waved.
Austin Frederick Improved. Large, pure lavender.
Barbara. The best salmon for exhibition purposes.
Blanche Ferry Spencer. Rose standard with white wings.
Bluebird. An attractive shade of blue.
Campfire. The brightest scarlet.
Chieftain. A lovely shade of deep mauve.
Commander Goddall. A beautiful violet-blue.
Constance Hinton. Very large, black-seeded white.
Crimson King. Rich oxblood crimson.
Daffodil. Large, very deep primrose.
Doreen. Standard rosy pink, wings cream.
Elfrida Pearson. Blush pink, deepening toward the edges.
Florence Nightingale. Bluish lavender.
George Shawyer. A large orange pink.
Hawlmarm Salmon Pink. Rose-pink, flushed deep salmon.
Hawlmarm Pink. Bright rose-pink, flushed salmon.
Hebe. A giant rosy pink.
Hercules. Rich clear rose-pink.
Illuminator. Brilliant salmon-pink, very beautiful.
Jack Cornwall, V. C. A beautiful deep blue.
King White. A perfect white Spencer, immense petals.
Lady Evelyn Eyre. Blush pink, white ground.
Margaret Atlee. Salmon-pink, suffused over a cream ground.
Mary Pickford. Cream pink, suffused with salmon.
Matchless. A beautiful flower of pure cream.
Mrs. Tom Jones. A bright Delphinium blue.
Picture. Flesh pink, suffused creamy apricot.
Powerscourt. A large lavender.
Ravenswing. A very dark maroon.
R. F. Felton. Pinkish lavender.
Rosabelle. A large and finely waved bright rose.
Robert Sydenham. A bright orange-salmon self-colored; immense size.
Royal Pink. Shrimp pink, orange veining.
Royal Purple. A rich royal-purple.
Royal Scott. A brilliant scarlet.
Sincerity. The finest scarlet cerise.
The President. A dazzling bright orange-scarlet.
Tangerine Improved. A beautiful glowing orange.
The Cardinal. Intense Poppy scarlet; waved flowers.
Valentine. Blush pink; flowers of large size and waved.
Warrior. Deep maroon; the best of its color.
Wembley. Lavender, suffused plumbago blue.
White Spencer. A pure white with long stems.
Youth. White edged with a delicate soft rose pink.



Sweet Peas, Spencer type

Any of the above varieties: Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

MARSHALL'S MATCHLESS MIXED SPENCER HYBRIDS

A mixture of 75 varieties of Spencers, the grower of which was awarded a Silver Gilt Medal of the National Sweet Pea Society of Great Britain. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

COLLECTIONS OF SPENCER SWEET PEAS

12 varieties of Spencer Hybrids named for \$1.00, 18 varieties named for \$1.50, 24 varieties named for \$2.00.

"MULFORD CULTURES" FOR SWEET PEAS

Sweet Peas flower earlier, longer and better treated with **Mulford Cultures**.
 Small Size, 35c.; garden size, 75c.



FLOWER SEEDS FOR DIFFERENT PURPOSES AND SITUATIONS

For description and prices, see general list.

CLIMBING VINES FROM SEEDS

Balloon Vine	Cypress Vine	Humulus	Kudzu Vine	Mormonica	Thunbergia
Canary Bird Vine	Dolichos	Ipomoea	Lophospermum	Nasturtium	
Cobaea	Echinocystis	Lathyrus	Mina lobata	Passiflora	
Convolvulus	Gourds	Kenilworth Ivy	Maurandia	Sweet Peas	

FRAGRANT FLOWERS FROM SEEDS

Alyssum	Dianthus (Hardy)	Mignonette	Scabiosa	Sweet Rocket	Verbena, Lemon
Asperula	Heliotrope	Mimulus moschatus	Stock	Sweet Sultan	Violet
Carnations	Lavender	Nicotiana affinis	Sweet Pea	Sweet William	Wallflower
Cleome	Mathiola	Polyanthus			

PLANTS ADAPTED FOR EDGING BORDERS

Ageratum	Bellis	Marigold	Nigella	Portulaca	Tagetes
Alyssum	Candytuft	Myosotis	Pennisetum	Pyrethrum	Viola
Armeria	Centaurea	Nasturtium	Petunia	Sweet William	Zinnia Haageana
Begonia	Lobelia	Nemesia	Phlox, Dwarf	Sweet Pea, Cupid	

GREENHOUSE AND POT PLANTS FROM SEEDS

Abutilon	Begonia	Clerodendron	Ferns	Impatiens	Stevia
Acacia	Calceolaria	Clianthus	Francoa	Lantana	Stocks
Antirrhinum	Celosia	Coleus	Freesia	Primula	Streptocarpus
Angelonia	Celsia	Cyclamen	Gloxinia	Shamrock	Sweet Peas
Aralia	Chrysanthemum	Dracaena	Grevillea	Smilax	Trachelium
Asparagus	Cineraria	Geranium	Heliotrope	Solanum	Verbena

EVERLASTING FLOWERS FOR WINTER DECORATIONS

Acroclinium	Globe Amaranth	Honesty, Lunaria	Rhodanthe	Statice	Xeranthemum
Edelweiss	Helichrysum				

ORNAMENTAL FOLIAGE PLANTS FROM SEEDS

Amaranthus	Centaurea candeloides	Centaurea gymnocarpa	Coleus	Euphorbia	Perilla
Cineraria maritima			Corn, Rainbow	Kochia	Pyrethrum aureum
					Ricinus

PLANTS FROM SEEDS SUCCEEDING IN PARTIALLY SHADED PLACES

Anemone	Begonia, Tuberous	Cowslip	Hardy Primrose	Myosotis	Poppies (Hardy)
Antirrhinum	Bellis	Delphinium	Linum	Oenothera	Schizanthus
Aquilegia	Canterbury Bells	Digitalis	Matricaria	Pansy	Torenia
Auricula	Coreopsis (Hardy)	Ferns	Mimulus	Polyanthus	Violet

ANNUAL FLOWERS FROM SEED, SUITABLE FOR CUTTING

Agrostemma	Carnation	Dianthus	Hunnemannia	Phlox	Sunflower
Antirrhinum	Celosia plumosa	Didiscus	Larkspur	Poppies	Sweet Peas
Arctotis	Centaurea	Dimorphotheca	Lavatera	Salpiglossis	Sweet William
Asters	Chrysanthemums	Eschscholtzia	Lupinus	Scabiosa	Verbena
Calendula	Clarkia	Gaillardia	Marigolds	Statice	Wallflower
Calliopsis	Cosmos	Godetia	Mignonette	Stocks, Ten Week	Zinnias
Candytuft	Dahlias	Gypsophila	Nigella		

HARDY PERENNIALS WHICH CAN BE RAISED FROM SEEDS

Achillea	Bellis	Digitalis	Helianthus	Phlox	Scabiosa
Aconitum	Bocconia	Echinops	Heuchera	Physalis	Silene
Adonis	Boltonia	Edelweiss	Hibiscus	Physostegia	Statice
Agrostemma	Callirhoe	Eremurus	Hollyhocks	Platycodon	Stokesia
Alstroemeria	Campanula	Erigeron	Incarvillea	Polemonium	Sweet William
Alyssum	Candytuft	Erysimum	Lathyrus	Polyanthus	Trachelium
Anchusa	Centaurea	Erinus	Linaria	Poppies	Tritoma
Anemone	Cerastium	Eupatorium	Linum	Potentilla	Trollius
Anthemis	Chelone	Gaillardia	Lobelia	Primula	Valeriana
Aquilegia	Chrysanthemum	Gaura	Lupinus	Pyrethrum	Verbena
Arabis	Cowslip	Geum	Lychnis	Rhinnannia	Veronica
Asperula	Delphinium	Grasses	Matricaria	Rocket	Viola
Aster	Dictamnus	Gypsophila	Nierembergia	Romneya	Violet
Aubrietia	Dianthus	Helianthus	Fansies	Rudbeckia	Wallflower
Auricula			Pentstemon	Salvia	

Description and prices of any of the above seeds will be found on pages 1 to 25



Seeds of Plants

Suitable for use in

ROCK GARDENS

Being frequently asked to recommend seeds of plants, not necessarily alpine—suitable for use in American rock gardens, we have compiled the following lists for ready reference. All those offered are of easy culture and can be relied upon to give greater general satisfaction than is usually obtained with the rarer and more difficult alpine.

While the veteran rock gardener may decry the use of annuals in the rock garden, we stress their utility for making a quick showing either in temporarily replacing losses or for immediate effect in newly constructed rock gardens.

PERENNIALS

Adonis vernalis
Alyssum saxatile
Alyssum saxatile Silver Queen
Anemone coronaria
Aquilegia glandulosa
Aquilegia Skinneri
Arabis alpina
Armeria
Asperula odorata
Aubrietia (in variety)
Auricula
Bellis
Callirhoe involucrata
Campanula Carpatia
Carnation (dwarf Vienna)
Cerastium tomentosum
Chieranthus Allioni
Chieranthus Linifolius
Cocksips

Dianthus plumarius
Edelweiss
Erysimum pulchellum
Erinus alpinus
Heuchera sanguinea
Linaria cymbalaria
Linum perenne
Myosotis (in variety)

Platycodon mariesi
Polyanthus (in variety)
Primula Beesiana
Primula Japonica
Primroses (in variety)
Thalictrum adianthifolium
Viola odorata
Viola "Jersey Gem"

ANNUALS

Abronia
Ageratum
Alyssum
Candytuft
Dianthus
Eschscholtzia
Globe Amaranth
Inopsidium

Lobelia
Marigold (dwarf)
Mesembryanthemum
Mignonette (dwarf)
Mimulus
Nasturtium (dwarf)
Nemesia compacta
Pansy (in variety)
Petunia (dwarf)

Phacelia
Phlox Drummondii (dwarf)
Portulaca
Sanvitalia
Tagetes
Verbena
Viola (in variety)
Viscaria

A Selection of Easily Grown Rock Plants

The following list of rock plants comprises only those of easy culture and which have been suggested by a veteran rock gardener as suitable for average use by the average rock garden enthusiast. All plants mentioned are available at moderate prices. *Quotations on application.*

Achillea tomentosa
Alyssum saxatile compactum
Anemone pulsatilla
Anemone sylvestris
Arabis alpina
Arenaria montana
Armeria Lauchiana
Aster alpinus
Aubrietia
Campanula carpatia
Campanula muralis
Campanula rotundifolia
Cerastium tomentosum
Dianthus caesus
Dianthus deltoides
Dicentra eximia
Geranium sanguineum

Gypsophila cerastoides
Helianthemum
Hepatica
Hypericum repens
Iberis "Little Gem"
Iris pumila
Iris cristata
Iris verna
Leontopodium alpinum
Mertensia Virginica
Myosotis
Nierembergia rivularis
Papaver alpinum
Papaver nudicaule
Phlox amoena
Phlox divaricata
Phlox ovata
Phlox subulata

Polemonium reptans
Primula acaulis
Primula auricula
Primula Beesiana
Primula polyanthus
Primula Pulverulenta
Primula veris
Santolina
Saponaria Ocymoides
Saxifraga (in variety)
Sedums (in variety)
Sempervivum (in variety)
Silene alpestris
Thymus (in variety)
Tunica saxifraga
Veronica (in variety)
Viola (in variety)





MARSHALL'S VEGETABLE SEEDS

With General Directions for Cultivation

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs we sell, and we will not be in any way responsible for them. If the purchaser does not accept the goods on these terms, they are to be returned at once.

W. E. MARSHALL & Co., Inc.

SPECIALTIES IN VEGETABLES

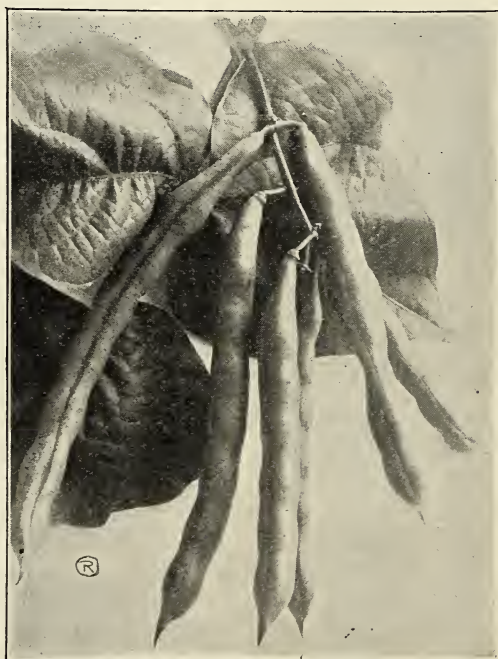
BEAN **Ideal Market Pole.** The earliest and most prolific of the green-podded Pole beans. The pods are 5 inches long, round, slightly curved, stringless and borne in clusters of six; very tender and excellent quality. $\frac{1}{2}$ pt. 25c., pt. 40c., qt. 80c., 4 qts. \$3.00.

BROCCOLI **Marshall's Green Heading.** A distinct type of Broccoli with a delicious flavor, without the strong Cauliflower taste. It forms a small head with a branching habit, which are a dark green color from September until severe weather in December. (See illustration page 32.) Pkt. 25c., $\frac{1}{2}$ oz. \$1.50, oz. \$3.00.

CORN **Golden Sunshine.** The earliest of the Golden Bantam type, maturing a week to 10 days earlier than that variety. More dwarf in habit than Bantam, with ears 6 in. long. Containing 12 rows of broad, yellow, sweet grains. Especially valuable for its extreme earliness. (See illustration page 34.) $\frac{1}{2}$ pt. 20c., pt. 40c., qt. 75c.

CORN **Marshall's Earliest of all.** An extra selection of Red Cory, and the earliest Sweet Corn. Stalks grow about 4 feet high. Ears six inches long 8 to 10 rowed, grains white. $\frac{1}{2}$ pt. 20c., pt. 40c., qt. 75c.

CABBAGE **Marshall's Baby Head.** Small, perfectly round, solid heads, few outer leaves, adapted for forcing in hotbeds or for early use in the garden. The small heads mature in six to seven weeks after planting. Pkt. 10c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.



BEAN. Ideal Market Pole

SPECIALTIES IN VEGETABLES—Continued

CABBAGE **Chinese Chihli.** The earliest and most sure heading variety. Plant of upright growth, producing long, solid, white cylindrical heads, two feet long. Leaves are broad fringed on edge with white broad mid-rib. Pkt. 10c., $\frac{1}{4}$ oz. 40c., oz. 75c.

LETTUCE **Marshall's Matchless.** This wonderful, tender Lettuce which is a cross between a head variety and the Cos type, originated in California a few years ago and came to our attention by a private grower. It is the sweetest and tenderest variety grown. The crown portion of the head is slightly loose, with a small yellow head. It is an ideal variety for the home or private gardener. (See illustration, page 37.) Pkt. 10c., oz. 75c., $\frac{1}{4}$ lb. \$2.00.

PEPPER **Marshall's Early Giant.** A very large variety adapted for growing in the Northern states, early and prolific. Color deep green turning to brilliant red when ripe. Flesh very thick and sweet. Pkt. 25c., $\frac{1}{2}$ oz. \$1.00.



CABBAGE. Chinese Chihli

PEPPER-TOMATO The scarlet, oval-shaped fruits are a cross between a Pepper and a Tomato. The flavor is similar to the Tomato, but the fruit is more solid and a very small seed cavity. The plant is a vigorous grower and should be given plenty of room for growth. Pkt. 25c.

SPINACH **Perpetual Summer.** Resembling Swiss Chard only that the leaves are much smaller and tender. It can be cut continually from early Summer until late Fall. Leaves are green and make a delicious Spinach when cooked. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

GENERAL LIST OF VEGETABLE SEEDS

ARTICHOKE

One ounce will sow 100 feet of row, and produce about 500 plants.

A rich, sandy loam is best adapted for this plant. The seed should be sown in drills $1\frac{1}{2}$ inches deep and 1 foot apart. Transplant to rows 3 feet apart. They reach maturity the second year. Protect in Winter by a covering of leaves or coarse manure.

Large French Globe. Heads large, fleshy and of rich flavor. Pkt. 25c., $\frac{1}{2}$ oz. 60c., oz. \$1.00.

ARTICHOKE PLANTS

Large French Globe. Plants ready for shipment after April 1st. Doz. \$2.50, 100 \$20.00.

Jerusalem. Grown for the tubers, which resemble Potatoes, and are cultivated in a similar manner, but the rows should be at least 4 feet apart. Qt. 30c., peck \$1.75.

ASPARAGUS

One ounce will produce about 200 plants.

Sow in Autumn or in Spring as soon as the soil is in good working condition. At one or two years transplant to permanent beds.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Conover's Colossal. Very prolific and tender.....	\$0.10	\$0.20	\$0.45
Palmetto. A fine variety, producing large, green Asparagus.....	.10	.20	.45
Giant Washington. A rust resistant variety, with long, dark green stalks.....	.10	.50	1.50

ASPARAGUS ROOTS

It requires 100 plants for a single row of 150 feet.

Culture.—The permanent bed should be trenched or ploughed very deeply, and well manured with rich, thoroughly decayed manure. Set the plants 18 inches apart in rows, carefully spreading out and separating the roots, and deep enough to admit of the top of the plants being covered 6 inches. In November the plants should have their annual top-dressing of manure after the stalks have been cleared away.

	100	1000
THREE-YEAR-OLD ROOTS		
Palmetto. Large, bright green.....	\$3.00	\$25.00
Conover's Colossal. Deep green.....	3.00	25.00
Washington. Dark green.....	4.50	40.00
TWO-YEAR-OLD ROOTS		
Palmetto.	25	100 1000
Conover's Colossal.	\$0.60	\$2.00 \$15.00
Washington......	.60	2.00 15.00
	1.00	3.50 30.00

BEANS

Beans like a well drained, rich and light loam. Plant about the middle of April when warm and favorable, and at intervals throughout the season for a succession, until the latter part of August. Bush varieties should be planted in drills 2 feet apart, and from two to six plants to the foot in a row. Keep them well cultivated and draw the earth up to the stem. For String Beans gather the pods as soon as fit for use.

DWARF SHELL BEANS

Sow in drills 2 feet apart as soon as warm weather has set in; soil should be light and rich; covering about 2 inches.

	½ pt.	Pt.	Qt.	4 qts.
Boston Pea or Navy. Used when dry for cooking purposes.....	\$0.20	\$0.30	\$0.60	\$2.00
Red Kidney. Similar to White Kidney, except the beans are deep red.....	.20	.30	.60	2.00
White Kidney. Excellent Shell, or String Bean.....	.20	.30	.60	2.00
White Marrow. For use in a dry state in Winter, or as a String Bean.....	.20	.30	.60	2.00
English Green Windsor. A nutritious, large Bean growing 3 feet high on stiff stems. Should be planted very early.....	.25	.45	.90	3.25

DWARF GREEN-PODDED SNAP BEANS

One quart will plant 150 feet of drill

	Long, ½ pt.	Pt.	Qt.	4 qts.
Black Valentine. Long, ½ pt. round, solid green pods; very early.....	\$0.25	\$0.45	\$0.90	\$3.50
Bountiful. Early, very prolific and long bearing; flat, green pods, tender and stringless..	.30	.50	1.00	3.75
Canadian Wonder. Large, green pods. Fine for table or exhibition.....	.25	.50	1.00	3.75
Extra Early Refugee. Two weeks earlier than the Late Refugee; very prolific, long, round pods.....	.25	.45	.90	3.50
Extra Early Red Valentine. One of the earliest. Round, thick, solid pods.....	.25	.45	.90	3.50
Full Measure. A fine stringless bean with round, straight green pods.....	.25	.45	.90	3.50
Giant Stringless Green Pod. This Bean is absolutely stringless. The pods are round and full.....	.30	.50	1.00	3.75
Longfellow. Long, Straight, round, solid green pods; very early.....	.25	.45	.90	3.50
Masterpiece. A beautiful round, green-podded variety, long, straight, stringless pods; fine for forcing and exhibition.....	.40	.75	1.50	5.00



Beans, Bountiful

	½ Pt.	Pt.	Qt.	4 qts.
Refugee, Late, or 1000 to 1. Medium to late; very productive and tender. Largely grown for main crop; round pod.....	.25	.45	.90	3.50
Stringless Green Pod (Burpee's). An early, round, green-podded Bean; stringless, remains tender and crisp.....	.30	.50	1.00	3.75

Owing to adverse weather conditions, the crop of seed Beans was almost a failure.

DWARF WAX-PODDED BEANS

	½ pt.	Pt.	Qt.	4 qts.
Black Wax, Currie's Rust-Proof. Large, flat pods; early.....	\$0.25	\$0.45	\$0.90	\$3.50
Brittle Wax, or Round Pod Kidney Wax. Round podded, stringless.....	.25	.45	.90	3.50
Davis' White Kidney Wax. Long, waxy white; flat pods.....	.25	.45	.90	3.25
Golden Wax, Improved. Very early; flat pods, long, stringless.....	.25	.45	.90	3.50
Golden Scimitar, or Pencil-Pod Black Wax. Long, round, yellow, stringless pods.....	.25	.45	.90	3.50
Hodson Wax. (Valentine Wax). Handsome, thick, flat, yellow pods. Free from blight and rust. Heavy bearer.....	.25	.45	.90	3.50
Refugee Wax. A Refugee with long, round, wax pods; stringless.....	.25	.45	.90	3.50
Wardwell's Kidney Wax. Early; long, straight, flat, wax, stringless pods.....	.25	.45	.90	3.50

DWARF, OR BUSH LIMA BEANS

	½ pt.	Pt.	Qt.	4 qts.
Burpee's Improved Bush Lima. A bush form of the large, flat Pole Lima.....	\$0.30	\$0.50	\$1.00	\$3.50
Dreer's Bush Lima. Round, thick Beans; very prolific.....	.30	.50	1.00	3.50
Fordhook Bush Lima. It is of erect habit; Beans very large, and heavy cropper..	.30	.50	1.00	3.75
Henderson's Bush Lima, or Dwarf Sieva. Very early small type with pods about 3 inches long.....	.30	.50	1.00	3.50
Wilson's Improved Bush Lima. A week to ten days earlier than Burpee's, more productive but not quite so large.....	.30	.50	1.00	3.50

"MULFORD CULTURES." The use of Mulford Cultures when planting Beans will increase your yields. Small size, 35c. Garden size, 75c. State if wanted for String or Lima Beans when ordering.

POLE, OR RUNNING BEANS

Sow from the 1st of May (for all except Limas) to the latter part of May, in hills 4 feet each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four or five beans to a hill, and of the smaller sorts about 200 hills. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. Thin out to three plants to a pole if the soil is rich; pinch off the ends of plants when they overrun the top of the poles, to effect more perfect growth below.

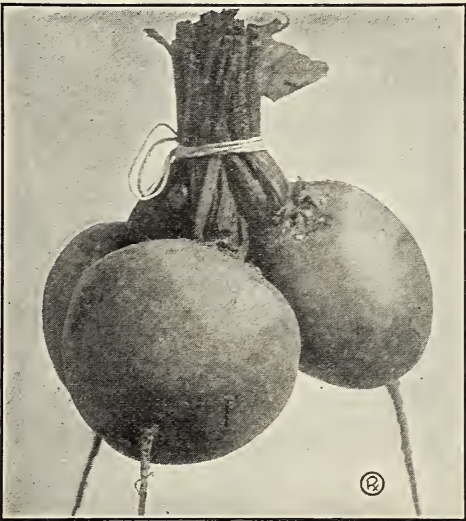
Carpenteria Lima. The beans have a greenish tint; vines vigorous and very pro-	1/2 pt.	Pt.	Qt.	4 qts.
ductive. A perfect Lima bean.....	\$0.25	\$0.40	\$0.80	\$3.00
Challenger Lima. Thick and productive. Best of all.....	.25	.40	.75	2.50
Large White Lima. One of the best shell beans grown. Matures in 90 days; very popular. Our seeds of this variety are extra selected.....	.25	.40	.75	2.50
Leviathan Lima, or Early Jersey. The earliest variety of pole Lima. Produces pods in clusters. A good variety where the season is short.....	.25	.40	.80	3.00
Marshall's Giant-Podded Pole Lima. A rapid growing, very large podded variety. The beans are extra large and thicker than any other pole Lima.....	.30	.50	1.00	3.50
Small Sieva, or Carolina Lima. Small size; early and prolific.....	.25	.40	.80	3.00
Horticultural Pole. Good as a snap or shelled Bean.....	.25	.45	.85	3.00
Ideal Market Pole. The earliest and most prolific, round, green podded, stringless bean.....	.25	.40	.80	3.00
Kentucky Wonder (Old Homestead). Pods green, very long and flat.....	.25	.40	.80	3.00
Kentucky Wonder Wax. Very early, long, thick fleshy pods.....	.25	.40	.80	3.00
Scarlet Runner. A popular English pole bean; very ornamental.....	.25	.40	.80	3.00
Tender and True (Sutton's). Long straight green pods, excellent for culture under glass. A great yielder.....	.50	1.00	1.75	....

BEET

One ounce will sow 150 feet of drill.

For early supply sow as soon as the ground is in working order, in drills 1 foot apart and 2 inches deep. For main crop sow the second week in May, and for Winter use sow in June. When the plants are well forward thin out to about 9 inches apart. The young Beets, with their tops, pulled out of the row, are excellent used as Spinach.

	Pkt.	Oz.	1/4 lb.	Lb.
Early Blood Turnip. The leading early sort; also fine for late use.....	\$0.10	\$0.20	\$0.60	\$1.75
Early Eclipse. Very early; dark blood color; small top.....	.10	.20	.60	1.75
Extra Early Egyptian. The best for first crop out of doors. The root is very dark red, flat....	.10	.20	.60	1.75
Crosby's Egyptian. Extra early, round, dark red...	.10	.20	.60	2.00
Crimson Globe. Fine globular shape; flesh deep purple; fine quality.....	.10	.20	.60	1.75
Detroit Dark Red Turnip. Round; skin dark blood red; flesh bright red	.10	.20	.60	2.00



Beets, Marshall's Exhibition Globe

	Pkt.	Oz.	1/4 lb.	Lb.
Long, Smooth Blood. A prolific variety, very dark in color.....	\$0.10	\$0.20	\$0.60	\$1.75
Marshall's Dark Leaved Globe. A perfect globe-shape, with a very dark texture and leaf.....	.10	.30	.75	2.50
Marshall's Exhibition Globe. Very carefully selected stock. Dark red and the finest shape Globe variety.....	.10	.30	.75	2.50
Sutton's Globe, or Model. A perfect globe-shaped variety.....	.10	.30	.75	2.50
Swiss Chard. (See page 42.)				

MANGEL-WURZEL AND SUGAR BEET

Sow 6 to 8 pounds per acre.

	1/4 lb.	Lb.
Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality.....	\$0.30	\$0.75
Giant Sludstrup. Color reddish-yellow. Roots intermediate in length.....	.30	.75
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.....	.30	.75
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.....	.30	.75

BROCCOLI

(For Cultural Directions, see Cauliflower).

White Cape. Heads compact and of a Pkt. Oz. ¼ lb.
creamy white color.....\$0.10 \$0.75 \$2.50

Marshall's Green Heading. Forms a
small head with branching habit. Ma-
tures in September and later..... .25 3.00

BRUSSELS SPROUTS

One ounce will produce about 2000 plants.

Sow in May in shallow drills 1 inch deep and 12 inches apart; transplant in July. A very hardy, delicious vegetable which should find a place in every garden; greatly improved by hard frosts.

Marshall's Exhibition. The Pkt. ½ oz. Oz. ¼ lb.
finest variety of all the Brussel's
Sprouts. Very large and of
superior quality.....\$0.10 \$0.50 \$1.00 \$3.00

Long Island Improved. Solid,
round sprouts of the best quality .10 .30 .60 2.00



Broccoli, Marshall's Green Heading

CABBAGE

One ounce will produce 3000 plants.

For early use, sow the seeds in hotbeds in February or March. Transplant as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or Winter use, sow the seed in May.

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's Baby Head. Small, perfectly round, solid heads; fine for forcing or early use.....	\$0.10	\$0.60	\$1.00	\$3.00
Marshall's First Crop. An ideal variety for the private garden, producing solid pointed heads earlier than any other variety.....	.25	.60	1.00	3.00
Autumn King. One of the finest late varieties.....	.10	.40	.70	2.50
Charleston Wakefield. Large conical heads. The best second early variety.....	.10	.60	1.00	3.00
Chinese Chihli. The earliest and most sure heading variety. Long, solid, white heads two feet in length.....	.10	.40	.75	2.50
Copenhagen Market. Very early, round head; short stemmed.....	.10	.40	.70	2.50
Danish Ball Head. Very round; solid Winter sort. A fine shipper.....	.10	.40	.70	2.50
Early Flat Dutch. A second early Cabbage; large solid heads.....	.10	.40	.70	2.50
Early Spring. An extra early Cabbage with a round, flat head.....	.10	.50	1.00	3.00
Early Jersey Wakefield. The standard early variety, conical in shape; few outside leaves.....	.10	.40	.70	2.50
Early Winnigstadt. Conical shape; quality very good.....	.10	.40	.70	2.50
Improved Early Summer. A superior second early sort.....	.10	.40	.70	2.50
Large Late Flat Dutch. The heads are large and solid, with few outer leaves.....	.10	.40	.70	2.50
Late American Drumhead. One of the largest and best keeping varieties. Fine keeper.....	.10	.40	.70	2.50
Succession. A week later than Early Summer. Large, solid heads.....	.10	.50	1.00	3.00



Cabbage, Early Jersey Wakefield

SAVOY CABBAGE

	Pkt.	½ oz.	Oz.	¼ lb.
Marshall's Exhibition. Medium sized heads and matures early. The best variety for private use.....	\$0.10	\$0.40	\$0.75	\$2.50
Perfection Drumhead. A large, improved strain. Strong and vigorous grower.....	.10	.40	.70	2.50

RED CABBAGE

Red Haco. The earliest of all red cabbages. Round, solid uniform heads.....	.10	.60	1.00	3.00
Mammoth Rock Red. The largest red Cabbage; color deep red.....	.10	.40	.75	2.50
Red Stonehead. Medium size, but very solid heads.....	.10	.40	.75	2.50

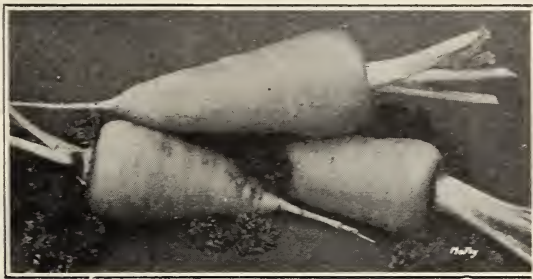
CARDOON

Large Solid. Grows about 4 feet high; leaves nearly free from spines. Pkt. 10c., oz. 35c.

CARROTS

One ounce will sow 200 feet of row.

For early crops sow as soon as the ground can be worked, and for later crops from the beginning until the end of May, in rows 15 inches apart and $\frac{1}{2}$ inch deep. Thin out the young plants to 5 inches and keep the surface open by frequent use of the hoe.



Carrot, Chantenay

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early French Forcing. Tender and fine, best for early crops and frames.....	\$0.10	\$0.50	\$1.50	\$4.00
Early Searlet Horn. Very thick roots; fine for frames.....	.10	.25	.75	2.50
Chantenay Half Long Stump. Style of Nantes, broader shoulder.....	.10	.25	.70	2.25
Danvers Half Long. Good quality, large; and productive. A popular sort.....	.10	.25	.70	2.25
Half Long Stump-rooted, Nantes Strain. Very popular.....	.10	.25	.70	2.25
Long Orange. For garden and field crops this is the best variety.....	.10	.25	.70	2.25
Long Red Surrey. Long tapering, smooth skin, orange-red roots.....	.10	.30	1.00	3.00
Marshall's Exhibition. A superb intermediate variety; skin clear, bright red color.....	.10	.30	1.00	3.00
Marshall's Intermediate. Fine exhibition variety.....	.10	.30	1.00	3.00
Oxheart (Guerande). Very thick and short, very sweet.....	.10	.25	.70	2.25
White Belgium. Very large; for stock.....	.10	.20	.60	2.00

CAULIFLOWER

One ounce of seed produces about 3000 plants.

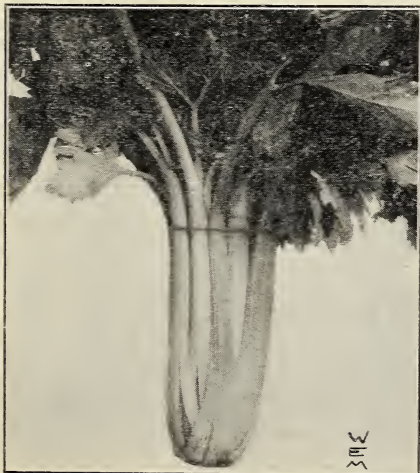
By sowing the early varieties in a hotbed in February or March, or later in a coldframe, fine heads can be obtained quite early. When large enough transplant, making the rows about $2\frac{1}{2}$ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Marshall's First and Best. The earliest and most solid heading variety grown. Large snow-white heads.....	\$0.50	\$3.00	\$10.00
Earliest Dwarf Erfurt. The best and earliest for forcing under glass; very dwarf.....	.50	2.50	8.00
Marshall's Extra Early Snowball. One of the best for forcing or open ground.....	.25	1.50	5.00
Dry Weather. This variety is especially adapted for long, dry seasons.....	.25	1.50	5.50
Extra Early Paris. Heads of medium size; first-class.....	.10	.60	2.00
Autumn Giant. Vigorous in growth and very large; late.....	.20	.75	2.50
Algiers. An extra fine, late variety; suitable for market and sure to head.....	.10	.60	2.00
Market Garden. A large variety of the Erfurt type, solid white heads. A popular late sort..	.10	.75	2.50

CELERY

One ounce will sow about 300 feet of row and produce about 5000 plants.

Sow in the open border early in April, in rich ground. When the plants are 3 inches high transplant 4 inches apart into temporary beds of soft, rich soil until they acquire sufficient strength for planting out. Plant in rows 3 feet apart and set 8 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use.

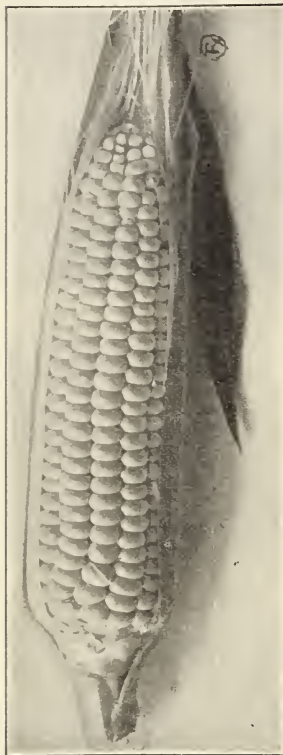


Celery, Golden Plume

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Easy Blanching. Blanches very easily Pkt. medium dwarf, good flavor and a fine keeper.....	\$0.15	\$0.60	\$1.00
Emperor or Fordhook. Dwarf, with large, light yellow heart; very crisp and good keeper.....	.15	.60	1.00
Fin de Siecle. The best keeping Winter Celery.....	.10	.25	.40
Giant Pascal. The stalks are solid and crisp; golden yellow heart.....	.10	.25	.40
Golden Dwarf or Golden Heart. A distinct variety; crisp, solid; fine flavor.....	.10	.25	.40
Golden Self-Blanching. French grown; crisp, tender and of fine flavor.....	.25	.60	1.00
Market Red. Large and solid. Fine table variety.....	.10	.35	.60
Marshall's Golden Plume. Two to three weeks earlier than any other variety. Blanches easily, solid heart; sweet, crisp and tender.....	.25	1.50	3.00
Marshall's White Plume. A valuable early variety. Requires very little blanching.....	.10	.35	.60
Winter Queen or Schumacher. Very large; solid green, Winter variety; blanches well.....	.10	.30	.50

CELERY PLANTS

Golden Self-Blanching, White Plume, Winter Queen, or Giant Pascal. Extra strong, transplanted plants. Delivery July and August. 100, \$1.50; 1,000, \$10.00.



Sweet Corn, Golden Sunshine

CELERIAC, or TURNIP-ROOTED CELERY

Grown mostly for its bulbous roots, which may be stored like Beets for Winter use. Pkt. $\frac{1}{2}$ oz. Oz.

Giant Prague. The finest variety. Very large roots which are almost round.....\$0.10 \$0.25 \$0.40

CHERVIL

The Curled Chervil is cultivated like Parsley and used for garnishing and flavoring soups and salads.

Curled Chervil. The young leaves are used for flavoring Pkt. Oz. $\frac{1}{4}$ lb. soups and salads.....\$0.10 \$0.40 \$1.25

CHICORY

Large-Rooted Madgeburg. Used to mix with or as a substitute for coffee..... .10 .50 1.50

Witloof, or French Endive. The stalks when blanched are used for salad..... .10 .50 1.50

CHICORY ROOTS. Strong for forcing. Doz. \$1.00; 100, \$7.00.

COLLARDS

Sow Seeds, as for Cabbage, in June, July and August, for succession. Transplant when a month old in rows a foot apart each way, and hoe often.

Georgia. Cabbage greens used as a substitute for Cabbage. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb., 45c.

CORN SALAD, OR FETTICUS

One ounce will sow 150 feet of drill.

Sow in September in drills 8 inches apart, covering the seeds lightly, and protect from frost by light covering of hay and litter. The seed may be sown in Spring.

Large-Seeded. The most popular variety grown. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb. 75c.; lb., \$2.00.

CORN, SWEET

One quart will plant 200 hills.

Plant in hills 3 feet apart each way, dropping five or six kernels in each hill, or in rows 3 feet apart, and the plants thinned out to 8 or 9 inches in the row. From May until the middle of July a succession planting can be made every two or three weeks, and a continued supply can be had until frost kills the plants.

	EXTRA EARLY	$\frac{1}{2}$ pt.	Pt.	Qt.	4 qts
Marshall's Earliest of All. One of the earliest Sweet Corns. Ears 6 to 7 inches long, with white grains. Height of stalk about 4 feet.....	\$0.20	\$0.40	\$0.75	\$2.50	
Charlevoix. An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor.....	.20	.40	.70	2.50	
Early Mayflower. One of the earliest white-seeded varieties. Long, well filled ears.....	.20	.40	.70	2.50	
Golden Bantam. Extra early; yellow; very sweet and tender.....	.20	.40	.70	2.50	
Golden Giant. A cross between Golden Bantam and Howling Mob. Medium growth. Ears 8 inches long.....	.20	.40	.75	2.50	
Golden Rod. Very early, golden grains and sweet flavor.....	.20	.40	.70	2.50	
Golden Sunshine. The earliest of the Golden Bantam type. Ears $6\frac{1}{2}$ inches long, with 12 rows yellow sweet grains.....	.20	.40	.75	2.50	
Howling Mob. An early variety of large size ears; white, sweet grains.....	.20	.40	.70	2.50	

SECOND EARLY

Early Evergreen. Ripens about 10 days earlier than Stowell's Evergreen.....	.20	.40	.70	2.25
Metropolitan. Large, handsome ears of fine quality.....	.20	.40	.70	2.25

GENERAL AND LATE

Black Mexican. The sweetest and most delicious variety grown.....	.20	.40	.70	2.25
Country Gentleman. Ears medium size; deep grains in irregular rows on cob and deliciously sweet.....	.20	.40	.70	2.25
Stowell's Evergreen. The most popular variety grown; ears large and very sweet. The seed we offer has been carefully grown and selected.....	.15	.25	.50	1.75
POP-CORN, White Rice. Shelled. Lb., 30c.				

CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

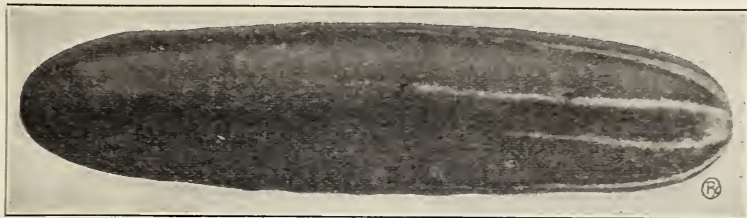
A popular salad which should be sown early in the Spring very thickly in shallow drills and at short intervals for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing.....	Pkt. \$0.05	Oz. \$0.15	$\frac{1}{4}$ lb. \$0.50	Lb. \$1.50
Upland, or Broad-leaved Winter. A garden substitute for Water Cress; crisp, tender and perfectly hardy.....	.10	.15	.50	1.50
True Water Cress. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.....	.25	1.00	3.50	.....

CUCUMBERS

One ounce to 60 hills, 2 to 3 pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can readily be lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop plant in hills 4 feet apart at the end of May. Keep the young plants safe from the striped bug by dusting with dry plaster or powdered Hellebore. Leave four strong plants to each hill.



Cucumber, Marshall's Longfellow

	Pkt.	Oz.	¼ lb
Cool and Crisp. A strain of White Spine; flesh peculiarly crisp and tender.....	\$0.10	\$0.25	\$0.75
Davis' Perfect. An excellent variety both for outdoors and forcing purposes.....	.10	.25	.70
Early Fortune. Very dark green skin, flesh thick, seed cavity small and excellent quality; for table use or pickles.....	.10	.25	.75
Everbearing. Valuable as a green pickler.....	.10	.25	.70
Extra Long White Spine. Much longer than ordinary White Spine; very prolific.....	.10	.25	.70
Fordhook Famous. The largest and most handsome garden variety. The skin is a bright green.....	.10	.25	.75
Green Prolific Pickling. Dark green; medium strength; very free bearer.....	.10	.25	.70
Improved Long Green. Long and crisp; a popular variety for pickles.....	.10	.25	.70
Improved White Spine. Early and good for table use or for pickling; of medium length; dark green color and flesh crisp and excellent.....	.10	.25	.70
Japanese Climbing. This is a strong and vigorous grower; fine for pickling.....	.10	.25	.75
Marshall's Longfellow. Dark green color, 10 to 14 inches long. A good forcer.....	.10	.50	1.50
West Indian Gherkin. Used only for pickles; the smallest of all varieties.....	.10	.25	.75

English Forcing Cucumbers

Convent Garden Favorite	Pkt. \$0.50
Freedom	Pkt. .50
Lockie's Perfection	Pkt. .50
Sutton's Matchless	Pkt. .50
Telegraph Improved	Pkt. .50

Dandelion

The Dandelion affords one of the earliest and most healthful Spring greens or salads.

Improved French. Large thick leaves. Pkt. 10c., oz., \$1.00; ¼ lb., \$3.50.

EGG PLANT

One ounce will produce about 2000 plants.

The Egg Plant will thrive well in good garden soil. The seed should be sown in hotbed or warm greenhouse in March or April, and when about an inch high put in 2-inch pots. Plant about June 1st, 2½ feet apart. If no hotbed is at hand they can be grown in any light room when the temperature will average 75 degrees.



Endive, Green Curled

Black Beauty. As large as Pkt. ½ oz. Oz.		
New York Improved but 10 days earlier.....	\$0.10	\$0.40 \$0.80
Long Purple. Fruit longer and smaller than the above sort; hardy; productive.....	.10	.40 .75
New York Improved. Purple; the best variety; very large, oval, heavy fruit.....	.10	.40 .75

ENDIVE *One ounce of seed for 100 feet of drill.*

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is done. Set out the plants 1 foot apart in rows and when well grown blanch by folding the leaves.

Broad-leaved (Escarolle). Pkt. Oz. ¼ lb.		
Leaves long and broad; thick and succulent.....	\$0.10	\$0.35 \$1.00
Green Curled. Hardy, finely curled; easily blanched. One of the best	.10	.35 1.00
White Curled. Blanching rapidly; excellent and very tender.....	.10	.35 1.00



Kohl-Rabi, White Vienna

HORSE RADISH SETS

New Bohemian. A new variety which produces roots of enormous size and succeeds in every soil. Doz., 20c.; 100, \$1.00.

KALE, OR BORECOLE

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June following the directions recommended for cultivating Cabbage.

Curled Dwarf Green Scotch. Very dwarf and Pkt. spreading; best strain.....	Oz. \$0.10	¼ lb. \$0.30	1 lb. \$1.00
Marshall's Exhibition Curled. Closely curled leaves.....	.10	.60	2.00
Curled Siberian Improved. Uniformly dwarf; green curled; hardy.....	.10	.30	1.00

KOHL-RABI

One ounce will sow 300 feet of row.

Cultivate the same as the Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb cannot be formed.

Early White Vienna. Very early and Pkt. should be used before being fully grown. Flesh white with greenish white skin....	½ oz. \$0.10	Oz. \$0.25	¼ lb. \$0.50	1 lb. \$1.50
Early Purple Vienna. Similar to the preceding, except in color.....	.10	.25	.50	1.50

LEEK

One ounce will sow 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

Marshall's Giant. The largest and best Leek for exhibition. Highly recommended as the Pkt. choicest variety in cultivation, of a mild and delicious flavor.....	Oz. \$0.10	¼ lb. \$0.80	1 lb. \$2.50
Large American Flag. The most desirable for market or family use.....	.10	.30	1.00
Musselburgh, or Carentan. A very large variety of superior quality.....	.10	.30	1.00

LETTUCE

One ounce will sow 200 feet of drill.

Sow in the open ground as early as possible, barely covering the seed. If the hotbed is used let it be started quite early. Give but little heat and plenty of water and air on fine days. Let plants in the beds be about 4 inches apart. As they increase in size thin them out or they will become weak. Plant for late use in a cool, partially shaded place in rich soil.

CURLED, or LOOSE-LEAVED VARIETIES		Pkt.	Oz.	¼ lb.
Black-Seeded Simpson. Nearly double the size of Curled Simpson.....		\$0.10	\$0.30	\$1.00
Early Curled Simpson. One of the earliest and best for market.....		.10	.30	1.00
Grand Rapids. This is regarded as the best forcing loose-leaved variety.....		.10	.30	1.00

CABBAGE, or HEADING VARIETIES

All Heart. A beautiful yellowish green head Lettuce. Withstands intense heat.....	.10	.35	1.00
All Seasons. Large, handsome, extremely solid head; color a light grayish green.....	.10	.30	1.00

Boston Market (White Seed Pkt. Tennisball). Solid, crisp and compact. One of the best for forcing.....	Oz. \$0.10	¼ lb. \$0.35	1 lb. \$1.00
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Big Boston. Fine for forcing in coldframes or for open ground.....	.10	.35	1.00
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Deacon. A splendid variety for standing the Summer heat; large, solid head.....	.10	.35	1.00
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Giant Crystal Head, or Iceberg. Large, solid; outside leaves bright green, inside white.....	.10	.35	1.00
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Golden Queen. A good forcing variety of a golden yellow color; heads solid.....	.10	.50	1.50
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Hanson Improved. Heads large, hearts quickly, and stands the Summer well.....	.10	.35	1.00
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Marshall's Royal Summer. A large butter head, with thick leaves, dark green tinged and spotted brown. The inside of head is a rich yellow.....	.10	.60	2.00
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Lettuce, All Heart

LETTUCE—Continued. Pkt. Oz. $\frac{1}{4}$ lb.

Marshall's Matchless. A cross between a head variety and the Cos type; it has numerous loose leaves which form into a long, loose head. Very sweet and tender, a fine variety for Summer use and early frames.....\$0.10 \$0.75 \$2.50

May King. Extra large, solid heads; light green outside, with clear yellow heart; very tender and of fine flavor; splendid forcer .10 .35 1.00

Mignonette. Distinct russet colored; very solid and compact..... .10 .35 1.00

New York, or Wonderful. Large solid heads; inside very white..... .10 .50 1.50

Tennis Ball (Black-Seeded or Salamander. A very distinct compact head with few outer leaves.... .10 .35 1.00



Lettuce, Marshall's Matchless

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Way Ahead. The leaves are light green, heads blanchd to a rich yellow tint.....	\$0.10	\$0.35	\$1.00
Wheeler's Tom Thumb. A splendid forcing variety.....	.10	.75	2.00
White Summer Cabbage. A fine Summer variety; heads of good size.....	.10	.35	1.00

ROMAINE, or COS VARIETIES

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality. They produce long, narrow leaves, blanchd by drawing in the outer leaves and tying.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Eclipse Cos. A perfectly distinct variety. It is the dwarfest Cos Lettuce.....	\$0.10	\$0.60	\$2.00
Paris White, or Trianon Cos, Romaine. One of the finest varieties for Summer use....	.10	.35	1.00

MELON, MUSK *One ounce will plant 60 hills.*

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Emerald Gem. Small, early; dark green skin, orange flesh; very sweet.....	\$0.10	\$0.30	\$1.00
Field's Daisy. Rich orange flesh resembling Emerald Gem but is larger, with thicker flesh and better flavor.....	.10	.40	1.25
Fordhook. The flesh is very thick, of a deep salmon color.....	.10	.30	1.00
Hackensack. Large, round and good quality.....	.10	.30	1.00
Harute. Very large, beautifully netted. Flesh solid and pale yellow when ripe.....	.25	.75	2.50
Honey Dew. Large, round to oval in shape, skin smooth, hard and nearly white, flesh light green. Excellent flavor.....	.10	.40	1.25
Jenny Lind. Small, green fleshed; very early; good quality.....	.10	.30	1.00
Long Island Beauty. The earliest and finest in quality; green flesh.....	.10	.30	1.00
Marshall's Surprise. A very delicious, large salmon fleshed Melon. Shape oblong and rounded at the ends.....	.10	.40	1.25
Marshall's Matchless. A large luscious Melon. Flesh orange scarlet color, very thick....	.25	2.00	....

Montreal Market. Large, round netted; flesh thick and light green; late..... .10 .30 1.00

Osage, or Miller's Cream. A large oval, orange-salmon flesh Melon of superior quality... .10 .30 1.00

Paul Rose. Oval; rich orange flesh; very sweet..... .10 .30 1.00

Rocky Ford. Very sweet and fine flavored; oblong; light green flesh..... .10 .30 1.00

Tip Top. A slightly oval shape and yellow-flesh variety; fine flavor..... .10 .30 1.00

ENGLISH FORCING MELONS

	Per Pkt.
Blenheim Orange. Scarlet flesh.....	\$0.50
Diamond Jubilee. Greenish white flesh....	.50
King George. Scarlet flesh.....	.50
Royal Sovereign. Golden skin, white flesh..	.50
Sutton's A1. Scarlet flesh.....	.50
Superlative. Scarlet flesh.....	.50



Muskmelon, Osage

MELON, WATER

One ounce will plant about 30 hills.

Plant in hills as directed for Musk Melons, and treat in all respects the same, except that the hills should be 8 to 10 feet apart.

	Pkt.	Oz.	¼ lb.
Citron. Round and handsome, for preserving; red seed.....	\$0.10	\$0.20	\$0.50
Cole's Early. Medium size; red flesh; green skin.....	.10	.20	.50
Cuban Queen. Solid and heavy; skin marked regularly.....	.10	.20	.50
Fordhook, Early. Flesh bright red; very sweet.....	.10	.20	.60
Hungarian Honey. A very early sort; perfectly round; flesh red.....	.10	.20	.60
Kleckley Sweets. Exceedingly sweet and fine flavored.....	.10	.20	.50
Mountain Sweet. Early, large, oblong, skin dark green, flesh red and sweet. A good variety for northern gardens.....	.10	.20	.50
Tom Watson. Dark green rind with deep red flesh, very large, oblong shape.....	.10	.20	.50

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square.

Mushroom beds may be made in a warm, dry cellar, or in any building where the frost does not penetrate and in the open air during the Summer and Fall months. Having procured the spawn, the next thing to be attended to is to make preparation for the beds. About two or three weeks before the beds are to be made collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has become exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up lay out your bed, according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it down well with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the spawn may be put into it. Break the spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed; then cover the bed with 2 inches of rich soil. If everything goes on well, you may expect Mushrooms in about five or six weeks. When the soil looks dry give a gentle watering with tepid water, using a rose on the watering pot. Good crops of Mushrooms can be obtained by spawning the hotbeds in Spring.



Pure Culture Mushrooms

Pure Culture Prolific Direct Bricks. An American-made spawn which produces large crops of large size, deep cream and excellent quality Mushrooms. Per brick, 45c.; 10 bricks for \$3.50; 50 bricks \$15.00.

Bottle Spawn. This spawn is very perishable and can only be kept in cold storage. Orders filled from the factory. Per quart bottle, \$1.25; 12 quarts for \$12.00.

MUSTARD

One ounce will sow 100 feet of drill.

For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the Spring, in drills from 8 to 12 inches apart.

	Pkt.	Oz.	¼ lb.	Lb.
White London. The best variety for salad.....	\$0.10	\$0.20	\$0.40	\$1.25
Giant Southern. Curled. Very large leaves.....	.10	.20	.40	1.25
Fordhook Fancy. A mild variety, used for salads or cooked as Spinach. Leaves dark green.....	.10	.25	.75	2.00

OKRA, OR GUMBO

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May in drills 3 feet apart and thin out the plants to 1 foot apart.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Very early; smooth pods.....	\$0.10	\$0.25	\$0.50	\$1.25
Perkin's Long Green. Long ribbed pods; very productive.....	.10	.25	.50	1.25
White Velvet. Tender white pods; smooth and velvety in appearance.....	.10	.25	.50	1.25

ONION SETS

Three quarts will plant 100 yards of row.

Onion Sets should be planted early in the Spring in rows 12 inches apart, placing the sets 4 inches apart in the row. When raised from sets the Onion can be used in the green state in June, or they will be matured by July

	Lb.	5 lbs.	10 lbs.		Lb.	5 lbs.	10 lbs.
Red Onion Sets	\$0.50	\$2.25	\$4.25	White Multipliers	\$0.50	\$2.00	\$3.50
White Onion Sets.....	.50	2.25	4.25	Shallots.....	.60	3.00	5.00
Yellow Onion Sets.....	.50	2.25	4.25	Garlic.....	.60		
Japanese Yellow Onion Sets. Excellent for yield and quality.....					.50	2.50	4.75

Prices of Onion Sets are subject to market changes.



ONIONS

One ounce will sow 200 feet of drill.
4 to 5 pounds to the acre.

Sow in drills 1 foot apart and cover about one-third of an inch, treading or rolling after sowing so that the hot, dry atmosphere may not destroy the sprouting seed. When 3 inches high thin to 2 inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

RED VARIETIES

Large Red Weth-Pkt. ½ Oz. Oz. ¼ Lb.				
ersfield. Half early and a good keeper; large size.....	\$0.10	\$0.30	\$0.50	\$1.50
Large Red Globe (Southport Strain) The finest large red sort.....	.10	.30	.50	1.50

WHITE VARIETIES

Early White Barletta, or White Queen. A small white Italian sort; very early.....	.10	.20	.40	1.25
Large White Portugal. The large, sort of the New York markets....	.10	.25	.40	1.25
Marshall's Large White Globe (Southport Strain) Very large and handsome.....	.10	.30	.50	1.50
Mammoth White Garganus or Silver King. Large, silvery white.....	.10	.25	.50	1.50



Onion, Yellow Globe

White Bermuda. A very early, flat variety.....	Pkt. \$0.10	½ oz. \$0.25	Oz. \$0.50	¼ lb. \$1.50
White Tripoli. Large, white, Italian variety.....	.10	.30	.60	2.00
YELLOW VARIETIES				
Marshall's Ailsa Craig. The skin is a pale straw color and oval in shape; excellent for exhibition purposes.....	\$0.25	\$0.50	\$1.00	\$3.50
Cranston's Excelsior. Inclined to globular in shape and of a beautiful straw color..	.25	.50	1.00	3.50
Danvers Yellow. A round, flat, standard sort; early and a good keeper.....	.10	.30	.50	1.50
Marshall's Giant Gibraltar. Fine exhibition variety.....	.25	.50	1.00	3.00
Marshall's Invincible Giant. An improved type of Ailsa Craig. Pale yellow color. Fine for exhibition purposes.....	.25	1.00	2.00	....
Yellow Globe Danvers (Southport Strain). Of more globular shape; keeps well....	.10	.30	.50	1.50
Yellow Prizetaker. Immense size; globe-shaped, pale yellow.....	.10	.30	.50	1.50

PARSLEY

One ounce will sow
200 feet of row.

Sow as early as possible in Spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about 15 inches apart. The plants appear in two to four weeks. Thin to 3 inches apart.

Marshall's Dwarf Perfection. A dwarf and compact Parsley of bright green color, ex-Pkt. Oz. ¼ Lb.			
quisitely curled.....	\$0.10	\$0.35	\$1.00
Marshall's Crested Gem. Fine closely cut foliage with dwarf compact habit.....	.10	.50	1.50
Extra Double, or Moss Curled. A beautiful curled dwarf variety.....	.10	.25	.60
Turnip Rooted. Grown for its roots which are used in flavoring soups.....	.10	.25	.60
Plain. A plain-leaved variety; fine for flavoring.....	.10	.25	.60

PARSNIP

One ounce will sow
200 feet of drill.

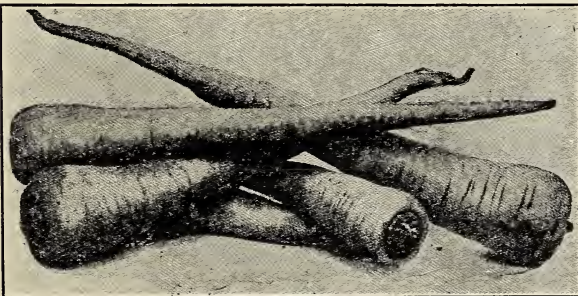
Sow Parsnip seed as early in the Spring as the weather will permit, in drills from 15 to 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deep; manured if possible, the previous

Autumn. Thin out the young plants to about 6 inches apart and keep the surface of the ground open and free from weeds. It is perfectly hardy and may remain in the ground through the Winter. Indeed, the fine sugary flavor is only perfected by a severe frost.

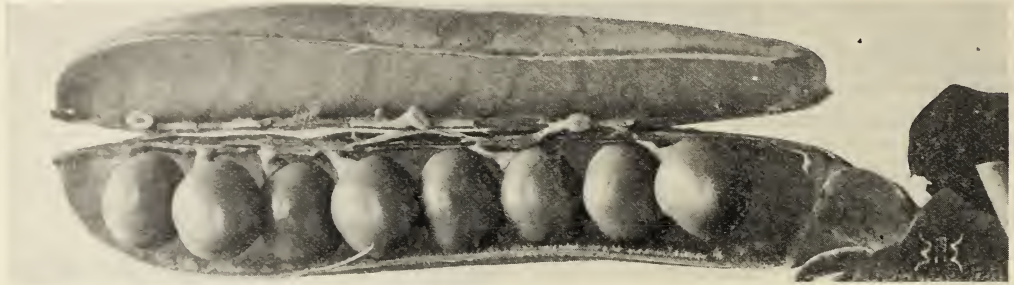
Marshall's Mar- Pkt. Oz. ¼ lb. Lb.			
row. A grand selection, clean white, long roots; fine for exhibition and family use. The finest stock in this country...	\$0.10	\$0.30	\$1.00 \$3.00

American Hollow Crown. Long, smooth and milky white.....

.10 .25 .75 2.00



Parsnip, Marshall's Marrow



Peas, Gradus

PEAS *One quart will plant about 150 feet of drill.*

Peas mature earliest in a light, rich soil; for general crop a rich loam is the best. When grown in gardens sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March and continue for a succession every two weeks until July.

EXTRA EARLY PEAS

	Height in ft.	$\frac{1}{2}$ Pt.	Pt.	Qt.	4 Qts.
Alaska. One of the very earliest blue Peas; quite productive.....	2½	\$0.20	\$0.40	\$0.80	\$2.75
Blue Bantam. A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored Peas.....	1½	.25	.40	.80	3.00
Extra Early Market, Marshall's. A standard extra early Pea; productive and profitable to grow.....	2½	.25	.40	.75	2.50
Early Bird. A very early, round seeded, fine flavored variety. Pods 4 inches long and well filled. Very scarce. Crop failed.....	4	.40	.80	1.50	.....
First of All. Selected strain of extra earlies.....	2½	.25	.40	.75	2.50
Gradus, or Prosperity. The finest extra early Pea. The pods are very large and well filled, with large wrinkled green Peas.....	3	.25	.45	.80	3.00
Laxtonian. Very large, dark green, curved pods and Peas of finest flavor.....	1½	.25	.40	.80	3.00
Laxton's Progress. An English wrinkled variety. A great bearer.....	2	.30	.50	1.00	3.50
Little Marvel. Very early, wrinkled peas, long pods.....	2	.25	.40	.80	3.00
Nott's Excelsior. Splendid early wrinkled sort; very prolific.....	1	.25	.40	.70	2.50
Marchioness. A grand wrinkled Pea for early planting.....	3½	.25	.40	.80	3.00
Peter Pan. A fine large podded dwarf Pea.....	1¼	.25	.40	.80	3.00
Sutton's Excelsior. An extra early dwarf wrinkled Pea; pods filled with large Peas of the finest flavor.....	1	.25	.40	.80	2.75
Thomas Laxton. Very productive. The pods are large and contain seven or eight large wrinkled Peas of the finest flavor.....	3	.25	.45	.80	3.00

MEDIUM CROP PEAS

Abundance. Very large wrinkled Peas.....	2	.20	.35	.70	2.50
Advancer, McLean's. A fine standard sort of excellent quality.....	2½	.20	.35	.70	2.50
British Lion. A wonderfully productive English early variety.....	3	.25	.50	1.00	3.50
Champion of England. Well known standard variety. Sow thickly.....	4	.20	.35	.70	2.50
Dwarf Champion, or Juno. Dwarf form of Champion of England.....	2	.20	.35	.70	2.50
Duke of Albany (American Champion). Immense pods.....	4	.25	.45	.80	3.00
Everbearing. Long pods, large Pea. Sow thickly.....	2½	.20	.35	.70	2.50
Market Garden. On the style of Advancer; very prolific.....	2½	.20	.35	.70	2.50
Perfect. An English mid-season variety, with handsome long pods produced in pairs, very heavy bearer.....	2½	.25	.50	1.00	3.50
The Admiral. A valuable second early variety; medium size deep green Peas.....	4	.25	.40	.80	3.00

MAIN CROP PEAS

Alderman, or Prince Edward. One of the finest of the large podded main crop varieties. Pods measure nearly 6 inches, well filled.....	4	.25	.40	.80	3.00
Quite Content. A giant podded variety; very prolific.....	5	.25	.45	.80	3.00
Telegraph. Large podded variety.....	4	.20	.35	.70	2.50
Telephone. A tall growing late sort, having pods of very large size, containing six or seven Peas of delicious flavor.....	4	.25	.40	.80	3.00
White Marrowfat. A favorite; heavy yielder.....	4	.25	.40	.70	2.50

SUGAR PEAS (Edible Pods)

In Sugar Peas the pods are gathered, broken and cooked like string beans when the Peas start to develop in the pod or have reached about half their full size.

	Height in ft.	$\frac{1}{2}$ Pt.	Pt.	Qt.	4 Qts.
Gray-Seeded Sugar. Large edible pods.....	3	\$0.20	\$0.35	\$0.70	\$2.50
Tall, Melting Sugar. One of the best edible pod sorts.....	5	.20	.40	.80	2.75

"Mulford Cultures." Peas yield earlier, longer and better crops when treated with **Mulford Cultures.** Garden size, 35c.; bushel size, 60c.

PEPPER

One ounce will produce 2000 plants.

	Pkt.	½ Oz.	Oz.
Sow in hotbeds in March, and when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows; hoe frequently. Plants may also be forwarded in small pots.			
Cayenne, Long Red. Bright red, slender pods; 3 inches long.....	\$0.10	\$0.40	\$0.75
Chinese Giant. Very large, bright scarlet.....	.10	.40	.75
Large Bell or Bull Nose. Large, bright red, largely used for pickling, mild flavor.....	.10	.40	.75
Magnum Dulce. Very large; flesh mild and sweet.....	.10	.40	.75
Marshall's Earliest. Fruits mild and sweet, similar to Bull Nose. Plant dwarf, compact and very productive. The earliest variety grown.....	.10	.50	1.00
Marshall's Early Giant. A very large red variety.....	.10	.75	1.50
Pepper-Tomato. A cross between a Pepper and a Tomato. Scarlet oval shaped fruit....	.25	.....	.....
Red Chili. Very productive; very small; red and very pungent.....	.10	.40	.75
Ruby King. Bright red, 4 to 6 inches long; best for stuffing.....	.10	.40	.75
Sunnybrook. A tomato-shaped, sweet, red variety.....	.10	.40	.75
Sweet Mountain. Large size, regular handsome shape, mild flavor.....	.10	.40	.75



POTATOES GROWN EXPRESSLY FOR SEED IN MAINE

Peck will plant 100 foot row. Ten bushels cut tubers will plant 1 acre.

The Potato, like the robust-growing vegetable, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Manure is applied either in rows or

hills or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in Spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil about 4 inches deep.

Beauty of Hebron. Slightly flesh colored skin, with pure white flesh; very productive and of the finest quality.

Bovee. Extra early; fine quality; flesh white.

Dibble's Russet. This is the best main crop Potato in cultivation. The tubers are round to oblong in shape, good size, white flesh and covered with a russet skin. The quality when cooked cannot be excelled. It also has great disease-resistant and blightproof properties.

Early Rose ("Spaulding's"). Very early; fine quality; very productive, skin shaded rose color.

Gold Coin. Very productive, fine table quality; flesh pure white and cooks very dry.

Green Mountain. Oval shape; white skin and flesh; heavy yielder; good for Winter use.

Irish Cobbler. One of the best extra early varieties.



Pumpkin, Early Sugar

At the time of going to press with this catalogue the Potato market is so unsettled that prices are subject to change.

We request those desiring Seed Potatoes to write for prices on the quantities wanted and we will give quotations by mail.

Unpriced orders will be filled at the prevailing market prices at time of shipment. Potatoes are forwarded by express or freight as directed, purchaser paying charges.

Du Pont Semesan. Potatoes treated with *Semesan* will be freer from disease and yield much larger crops. See page 115.

SWEET POTATO PLANTS

Red or Yellow variety. Plants ready end of May. Per 100, \$1.00; 1,000, \$7.00.

PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the Cornfield, but if cultivated on a large scale the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as Melons or Cucumbers.

	Pkt.	Oz.	½ lb.	Lb.
Connecticut Field. Grown in Corn fields for stock.....	\$0.10	\$0.20	\$0.60	\$1.50
Cushaw Striped. A splendid striped crook-neck variety.....	.10	.25	.75	2.50
Early Sugar. Fine grained; small; yellow.....	.10	.25	.75	2.50
Large Cheese. Flat; the best variety for small family use.....	.10	.25	.75	2.50
Mammoth King. Grows to an enormous size.....	.10	.25	.75	2.50
Mammoth Tours. A very large French variety.....	.10	.25	.75	2.50
Quaker Pie. Very prolific and a good keeper; fine for pies.....	.10	.25	.75	2.50

RADISH

One ounce of seed will sow 150 feet of drill

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hotbeds, keeping well ventilated. In May they may be sown out-of-doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

Winter varieties should be sown in July and August.

FORCING VARIETIES

Early Scarlet Turnip Forcing.	Pkt.	Oz.	¼ lb.	Lb.
Crisp; very early.....	\$0.10	\$0.25	\$0.75	\$2.00
Deep Scarlet Turnip Forcing or Non Plus Ultra. Round, short leaved, crisp; very early.....	.10	.25	.75	2.00
Scarlet Turnip White-Tipped Forcing. Round, very early.....	.10	.25	.75	2.00
Early Scarlet Globe. Fine for forcing or open ground.....	.10	.25	.75	2.00

OUTDOOR VARIETIES

Turnip, Marshall's Perfection. Brilliant red with white tip extending nearly half way up the root.....	.10	.25	.75	2.00
Turnip, Early Scarlet. Very early. The French favorite.	.10	.20	.50	1.50
Turnip, Scarlet White-Tipped. Very early for frames or outdoors.....	.10	.20	.50	1.50
Turnip, Early White, or Box. Flesh pure white and sweet.	.10	.25	.60	2.00
Turnip, Crimson Giant. Suitable for forcing or out- doors; flesh very tender and crisp.....	.10	.25	.60	2.00



Radish, Early Scarlet Turnip

	Pkt.	Oz.	¼ lb.	Lb.
Olive-Shaped French Breakfast. Pink and white; early.....	\$0.10	\$0.20	\$0.50	\$1.50
Olive-Shaped Deep Scarlet. Crisp; very early.....	.10	.20	.60	1.75
Olive-Shaped White. Mild and fine for Summer.....	.10	.20	.60	1.75
Long Scarlet Short Top. Very long; for frames or outdoors.....	.10	.20	.60	1.75
Long White Vienna, or Lady Finger. Crisp and tender in Summer.....	.10	.20	.60	1.75
Long Icicle. Pure white; of fine flavor; suitable for forcing.....	.10	.20	.60	1.75

WINTER VARIETIES

Long Black Spanish. The popular Winter sort.....	.10	.20	.60	1.75
Round Black Spanish. Fine for Winter.....	.10	.20	.60	1.75

RHUBARB

One ounce will produce 1,000 plants

Sow in drills 18 inches apart. When the plants are strong enough, thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 3 feet apart each way.

Victoria. Very large; later than the Linnaeus. Pkt. 10c., oz. 35c., ¼ lb. \$1.00 lb. \$3.00.

Rhubarb Roots. Extra strong. Each 25c., doz. \$2.50, 100 \$20.00.

SALSIFY, OR OYSTER PLANT

One ounce will sow 150 feet

A most delicious vegetable. It is used stewed, boiled, or fried, and sometimes as a salad. When cooked it has an oyster flavor. Sow seed from April to May in drills 18 inches apart. Cultivate the same as for Carrots or Parsnips.

	Pkt.	Oz.	¼ lb.
Mammoth Sandwich Island True. Large and superior; very fine flavor.....	\$0.10	\$0.40	\$1.25
Long Black, or Scorzoner. Resembles long white, but black.....	.10	.50	1.50

SORREL

One ounce will sow 150 feet of drill

Used cooked as Spinach or to mix with salads. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large-Leaved French. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

SWISS CHARD

This beet produces leaves only; excellent as greens. Cultivate the same as Spinach, sowing the seed in early Spring, in drills 1½ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

	Pkt.	Oz.	¼ lb.	Lb.
Swiss Chard.	\$0.10	\$0.20	\$0.50	\$1.50
Giant Lucullus......	.10	.25	.60	2.00



Swiss Chard

SPINACH

One ounce will sow 200 feet of drill, 10 to 12 lbs. an acre.

This is best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make successive sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter.

New Zealand. Makes a low Pkt. Oz. $\frac{1}{4}$ lb. Lb.
low spreading plant from
which delicious tender greens
can be gathered the entire
Summer.....\$0.10 \$0.25 \$0.75 \$2.00

**Perpetual Summer, or Spin-
ach Beet.** Dark green
leaves, which are produced
all the Summer making a
delicious Spinach when
cooked......10 .30 1.00 3.00

King of Denmark. A new
variety for Spring planting.
Dark green crumpled leaves
and very slow to go to seed. .10 .15 .35 1.00

Long Standing. Of delicious,
tender quality; dark green.. .10 .15 .30 1.00

Princess Juliana. A very
dark green, thick, round
leaved type......10 .15 .30 1.00

**Savoy-Leaved, or Blooms-
dale.** Large, tender curled
oaves......10 .15 .30 1.00

Victoria. A variety with thick
dark-green leaves. Best long
standing Spinach......10 .15 .30 .75

Viroflay Thick-Leaved. A standard sort, equally good for early Spring or Fall
sowing.....\$0.10 \$0.15 \$0.30 \$0.75

Prickly, or Winter. Vigorous and hardy, recommended for Fall sowing......10 .15 .30 .75



Spinach, Victoria

SQUASH

One ounce Early Squash will plant about 50 hills. One ounce Marrow Squash will plant about 25 hills.

The Squash succeeds best in good rich soil. It is not advisable to plant before May 15th. Sow in hills in the same manner as Cucumbers and Melons. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects.

BUSH VARIETIES

Cocozelle Bush. A fine variety; oblong shape; skin smooth, dark green, marbled yellow or
pale green.....\$0.10 \$0.30 \$1.00

**Improved Early White Bush
Scallop.** A good early shipping
variety......10 .25 .75

Giant Summer Crookneck.
Double the size of Summer
Crookneck......10 .30 .75

Golden Custard. Fine quality
and cooks tender......10 .30 .75

Golden Summer Crookneck.
Yellow fruit; distinct; best for
Summer......10 .30 1.00

Yellow Bush Scallop. The
popular yellow variety......10 .30 1.00

Zucca Pergola. An Italian va-
riety, 24 to 36 inches long, color
pale green......10 .40 1.25

RUNNING VARIETIES

Boston Marrow. Oval; bright
orange; flesh yellow and fine.... .10 .25 .75

Delicious. Green skin; orange
flesh; fine grained; sweet and
dry......10 .30 1.00

Fordhook. A desirable variety for
Summer and Winter use; fruit
oblong in shape, smooth yellow
skin, flesh light yellow......10 .30 1.00

Golden, or Red Hubbard. Flesh
deep golden yellow; fine for pri-
vate use......10 .30 1.00

Improved Hubbard. Well known
and liked for late use......10 .30 1.00

Mammoth Warted Hubbard.
Very large, covered with warts
Fine keeper......10 .30 1.00

Mammoth Chili. Rich orange
flesh; grows to an enormous size .10 .30 1.00



Squash, Delicious

ENGLISH VEGETABLE MARROWS

The following varieties are well adapted for growing in this climate.

	Pkt.	Oz.
Long Green Bush. Fruits long pale green; rich flavor.....	\$0.10	\$0.40
Long White Bush. Creamy white; very prolific.....	.10	.40
Moore's Long Cream. Very long, pale cream color; trailing sort..	.10	.40
Vegetable Marrow. Skin greenish yellow; flesh white; trailing variety.....	.10	.30

TOBACCO SEED

One ounce will produce plants for one acre.
Connecticut Seed Leaf. Suitable for growing in these latitudes; used for cigar wrappers. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.50.



Vegetable Marrow, Long White Bush

TOMATO

One ounce will produce 1,000 plants.

Sow thinly about the first week in March in a hotbed, greenhouse, window or sitting room, where the temperature is never below 60 degrees. When 2 inches high, set out the plants in boxes about 4 inches apart, or pot singly. About the first of June they may be transferred to the open ground. Set them deeply 4 feet apart.

FORCING VARIETIES

	Pkt.	$\frac{1}{2}$ Oz.	Oz.
Marshall's Prolific. The finest medium-sized Tomato for forcing or outdoor planting. It is an enormous cropper, producing large clusters of bright scarlet fruit.....	\$0.25	\$2.00	\$4.00
Comet. Beautiful, smooth, round fruit in great abundance. Color a rich scarlet red.....	.25	1.00	2.00
Best of All. An excellent sort for forcing or early outdoor crop.....	.25	1.00	2.00
Fillbasket. A very heavy cropper. Smooth round fruit.....	.25	1.50	3.00
Stirling Castle. Excellent for forcing as well as outdoor culture. Fruit medium size.....	.25	1.50	3.00
Sunrise. A fine forcing variety; rich scarlet color.....	.25	1.50	3.00
Winter Beauty. Fine forcer, fruits of good size, smooth and deep color.....	.25	1.50	3.00

OUTDOOR VARIETIES

Bonny Best. A very early bright red variety. Smooth, solid and uniform.....	.10	.25	.50
Chalk's Jewel. An exceptionally fine early variety. Color crimson.....	.10	.25	.50
Crimson Cushion. Extra large, handsome, bright crimson.....	.10	.30	.60
Dwarf Champion. The plant is of dwarf and compact growth.....	.10	.25	.50
Dwarf Stone. Color bright scarlet, perfect shape; resembles Dwarf Champion, but with larger fruit.....	.10	.25	.50
Earliana. Extra early; bright red; smooth.....	.10	.25	.50
Golden Queen. A good yellow sort; first-class quality; large and solid.....	.10	.25	.50
John Baer. A beautiful, brilliant red variety; perfect, solid, high crown fruits.....	.10	.40	.75
Marshall's National. A very early, bright red, coreless variety.....	.25	1.00	2.00
Matchless. Extra large, smooth and handsome; bright red; very solid.....	.10	.25	.50
Perfection. Early, regular and productive; reddish scarlet.....	.10	.25	.50
Ponderosa. The largest variety in cultivation; very solid and meaty.....	.10	.25	.50
Stone. Very large, perfectly smooth; fine, bright scarlet.....	.10	.25	.50

SMALL FRUITED TOMATOES

Red Cherry. Small fruits; used for pickles; very handsome.....	.10	.30	.60
Red Currant. Very small fruits; for preserves....	.10	.30	.60
Red Peach. Resembling a Peach; for preserves, pickles and exhibition..	.10	.30	.60
Red Pear. Fruit handsome and solid; fine for preserves.....	.10	.30	.60
Red Plum. Bright red, round, regular; for pickles.....	.10	.30	.60
Strawberry Cherry, or Husk Tomato. Makes fine sauce	.10	.30	.60
Yellow Cherry. For pickles and preserves..	.10	.30	.60
Yellow Peach. Beautiful clear yellow; perfectly resembles a Peach.....	.10	.30	.60
Yellow Pear. Handsome, yellow, Pear-shaped fruits.....	.10	.30	.60
Yellow Plum. Round and regular; bright yellow...	.10	.30	.60



Tomato, Earliana

TURNIP

One ounce will sow 200 feet of drill.

Turnips do best on highly enriched, light sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills, from 12 to 15 inches apart, and thin out early to 6 or 9 inches in the rows. For a succession, sow at intervals of two weeks, until the middle of August.

	Pkt.	Oz.	¼ lb.	Lb.
Early Milan, Purple Top. Earliest of all, white with purple top.....	\$0.10	\$0.30	\$1.00	\$2.50
Early Milan, Pure White, Selected. Very handsome, pure white and as early as the above; flesh very sweet and tender.....	.10	.30	1.00	2.50
Early Snowball. Small, and rapid growth; pure white.....	.10	.20	.50	1.50
Golden Ball. Very handsome; keeps fairly well.....	.10	.20	.50	1.50
Quicksilver. A perfect shaped, round, white skinned, solid white flesh variety. Very quick growing and fine for exhibition.....	.10	.35	1.00	3.00
Red Top, Strap Leaf. The popular Fall flat sort.....	.10	.20	.50	1.50
Red Top, Globe-shaped. A standard sort in the New York market.....	.10	.20	.50	1.50
Seven Top. Grown exclusively for the tops, which are used for greens.....	\$0.10	\$0.20	\$0.50	\$1.50
White Egg. Oval, handsome and sweet.....	.10	.20	.50	1.50
White Strap Leaf Flat. A good early white flat sort.....	.10	.20	.50	1.50
Yellow Aberdeen. A hardy and productive variety of excellent quality.....	.10	.20	.50	1.50

RUTA-BAGA

Seed should be sown the end of June or July. Desirable for table use and feeding stock.

	Pkt.	Oz.	¼ lb.	Lb.
Marshall's Matchless. A purplish bronze variety, with single tap root and small top. Excellent quality.....	.10	.25	.75	2.50
American Purple Top. A strain of Purple top yellow.....	.10	.20	.50	1.50
White - Fleshed. Large and productive.....	.10	.25	.75	2.00



Turnip, Early Snowball

HERBS SWEET AND MEDICINAL

Plant in the Spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about 4 inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

	Pkt.	Oz.		Pkt.	Oz.
Anise. Annual. Used for flavoring and garnishing.....	\$0.10	\$0.40	Horehound. Perennial. Used medicinally, also for seasoning.....	\$0.10	\$0.75
Balm. Perennial. Leaves have a fragrant odor and are used medicinally....	.10	.50	Hyssop. Perennial. Used medicinally. The leaves have a pungent taste.....	.10	.50
Basil, Sweet. Annual. Used for flavoring soups, stews, etc.....	.10	.50	Lavender. Perennial. Yields an oil used in medicine and perfumery.....	.10	.50
Borage. Annual. Leaves are used for flavoring, and bees are attracted by the flowers.....	.10	.50	Marigold, Pot. For medicinal purposes.....	.10	.50
Caraway. Perennial. Used for flavoring confectionery, bread, etc.....	.10	.40	Marjoram, Sweet. Annual. Aromatic and fragrant. Much used in flavoring.....	.10	.75
Catnip. Perennial. Sometimes used in medicine.....	.10	.75	Mint. Plants only.....		
Coriander. Annual. Used in the manufacture of confectionery.....	.10	.50	Rosemary. Perennial. Leaves fragrant, with warm, pungent, bitterish taste....	.10	.75
Dill. Biennial. The seeds are aromatic and pungent. Used in pickling Cucumbers.....	.10	.40	Sage. Perennial. More used than any other herb for dressings and seasoning.....	.10	.50
Fennel, Sweet. Perennial. Leaves when boiled.....			Summer Savory. Annual. Used for flavoring soups and dressings.....	.10	.75
Fennel, Florence. The roots are boiled, also used as salad.....	.10	.40	Tarragon, or Estragon......	.25	2.00
			Thyme. Perennial. Used for seasoning. Also used medicinally.....	.10	1.00
			Wormwood. Perennial. Used medicinally and is beneficial for poultry.....	.10	.75

PLANTS OF HERBS

To meet the increasing demand for plants of the most popular herbs, we can supply the following:

Balm, Chives, Horehound, Hyssop, Lavender (True), Marjoram (Pot), Mint (Peppermint), Rosemary, Sage, Common Savory, Winter Thyme, French.	Price per dozen, \$2.50
Tarragon, or Estragon.	Price per dozen, \$3.50



MARSHALL'S LAWN GRASS SEEDS



MARSHALL'S "SPECIAL" LAWN GRASS MIXTURE

Marshall's "Special" Lawn Grass Mixture produces a perfect as well as permanent, lawn of luxuriant richness. It quickly forms a closely interwoven, firm and elastic turf ready for cutting in about 6 weeks from time of sowing. This "Special" mixture is the result of years of experimenting and is composed of the proper proportions of fine-leaved, deep rooting, perennial grasses which will thrive under varied conditions of soil and climate; maintaining a succession of growth during the different seasons of the year, thus insuring a rich, deep green, smooth and velvety lawn, free from clumps.

This is a scientifically blended mixture, containing only the highest grade of re-cleaned seeds of Red Top, Kentucky Blue, Chewing's Fescue, and Perennial Rye grasses, blended in proper quantities.

Price: Lb. 70c., 5 lbs. \$3.25, 20 lbs. \$12.00, 100 lbs. \$60.00.

MARSHALL'S "CENTRAL PARK" LAWN GRASS MIXTURE

Marshall's "Central Park" Lawn Grass Mixture still maintains a high place in the esteem of those who desire an even, dense growth of permanent sward very early in the season. This mixture contains no annual grasses so detrimental to a permanently good lawn. Only grasses of lasting value and extreme hardiness are used in this popular mixture and we exercise great care to use only the purest seed in the proper proportions in its blending. This mixture is recommended to those who desire a popular priced mixture for average conditions and requirements.

1 lb. will sow 20x20 feet (400 square feet); 5 lbs., 40x50 feet (2000 square feet); 120 lbs., one acre.

Price: Lb. 50c., 5 lbs. \$2.10, 20 lbs. \$8.00, 100 lbs. \$40.00.

MARSHALL'S "SHADY PLACE" LAWN GRASS MIXTURE

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those adapted for growing in shade. It has been successfully used on some large operations where a green sward was desired on land partially shaded by old trees.

Price: Lb. 70c., 5 lbs. \$3.25, bu. 20 lbs., \$12.00, 100 lbs. \$60.00.

SPECIAL LAWN GRASS MIXTURE FOR SEASIDE LAWNS

A mixture of fine grasses peculiarly suited to seaside lawns and very sandy soils.

Price: Lb. 60c., 5 lbs. \$2.75, 20 lbs. \$10.00.



MARSHALL'S "TERRACE" LAWN GRASS MIXTURE

A special mixture of grasses for sowing on terraces and side hills—grasses that produce strong, spreading roots, thus preventing heavy rain from washing them out; that will withstand drought and exposure, thrive on shallow soils and produce a rich, green turf throughout the season.

Price: Lb. 70c., 5 lbs. \$3.25, bu. 20 lbs. \$12.00

Permanent Grass Mixtures for Golf Links

MARSHALL'S "PUTTING GREEN," or "TENNIS COURT" MIXTURE

A very carefully prepared mixture for use on putting greens croquet lawns, tennis courts, bowling greens and lawns. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Our mixture contains only the very fine-bladed species of grasses without Rye Grass. 25 lbs. will seed a putting green 75 feet square.

Price: 5 lbs., \$4.00, 20 lbs. \$15.00, 100 lbs. \$75.00.

MARSHALL'S FAIR GREEN MIXTURE

Marshall's Fair Green Mixture is composed mainly of perennial native grasses and two very important European grasses which have proven of great value for Fair Green use. They are all of dwarf, spreading growth, forming a close velvety surface which improves from year to year if given proper care.

This mixture contains no Clover but will be added if desired in quantity of one-half pound per bushel of grass seed. Sow 100 lbs. per acre.

Price: 20 lbs. \$10.00, 100 lbs. \$50.00

Grass for Hay Crops and Pastures

MIXTURES FOR HAY AND PERMANENT PASTURES

The results obtained from our special Grass Seed mixtures are well known by the constantly increasing demand for them. Fall seeding is preferable, but Spring sowing will be successful if done early, while the land is cool and moist. In addition to the Grasses, we advise sowing 10 lbs. of Mixed Clover Seed per acre

We recommend sowing 50 lbs. to the acre.

PERMANENT PASTURE MIXTURE NO. 1. For cool and light soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 2. For medium soils. Bus. (15 lbs.)

PERMANENT PASTURE MIXTURE NO. 3. For heavy soils. Bus. (15 lbs.)

Prices of any of the above Mixtures, 10 lbs. \$5.00, 50 lbs. \$23.00, 100 lbs. \$45.00.

CLOVERS

Prices subject to market changes.

	Quantity for acre	Per lb.	Per bushel	Per 100 lbs
Alfalfa, or Lucerne (<i>Medicago sativa</i>). Northwestern Pine Tree. One of the most valuable forage plants.	20 lbs.	\$0.50	\$24.00	\$40.00
Alfalfa, Grimm. Certified. Much harder than any other variety.	20 lbs.	.75	39.00	65.00
Alsike (<i>Trifolium hybridum</i>). The hardiest of all Clovers, can be cut several times in one season. Grows well on low, wet land.	10 lbs.	.70	36.00	60.00
Crimson, or Scarlet Clover (<i>Trifolium incarnatum</i>). Pine Tree. An annual variety producing large crops of green foliage.	20 lbs.	.30	13.20	22.00
Mammoth Red, or Pea Vine. Grows much taller than Medium Red Clover.	10 lbs.	.70	36.00	60.00
Medium Red (<i>Trifolium pratense</i>). Domestic Pine Tree. This is the common Red Clover so largely grown throughout the country.	15 lbs.	.70	36.00	60.00
Sweet Clover, Bokhara (<i>Melilotus alba</i>). Pine Tree. Will grow on very poor soils; useful for ensilage and plowing under. Grows from 3 to 4 ft. high. Hulled seed.	15 lbs.	.30	12.00	20.00
White Clover (<i>Trifolium repens</i>). The best variety for lawns; valuable in permanent pastures.	10 lbs.	.75	39.00	65.00
Mixed Clover.	10 lbs.	.70	36.00	60.00
All Clovers weigh 60 pounds per bushel.				
For Clovers, bushel size \$1.00, 2½ bushels \$2.25, 10 bushels \$8.00. State for which variety of Clover wanted.				

INOCULATE THIS
SEED WITH
MULFORD CULTURE



GRASS SEEDS

For Pasture, Mowing and Lawn

Prices subject to market changes.

	Weight per bush.	Lb.	Bushel	100 lbs.
Bermuda Grass. Used in the southern states for Lawns.....	35 lbs.	\$0.80	\$22.00	\$60.00
Canadian Blue Grass (<i>Poa compressa</i>). A more rapid grower than Kentucky Blue Grass and equally good for pasture, but not as suitable for lawns. This is an excellent pasture grass for poor, dry land and should be more largely used for this purpose.....	14 lbs.	.45	5.00	35.00
Creeping Bent Grass Mixed (<i>Agrostis</i> species). Desirable for mixing with other lawn or pasture grasses.....	15 lbs.	1.20	16.00	100.00
Crested Dogstail (<i>Cynosurus cristatus</i>). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited because of its fine, close growth and pleasant green color.....	20 lbs.	.70	12.00	60.00
English Rye Grass (<i>Lolium perenne</i>). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Sow 60 lbs. to acre.	24 lbs.	.30	5.00	20.00
English Rye Grass (Pacey's). A carefully selected, short-seeded, dwarf-growing strain, suitable for lawns.....	24 lbs.	.30	5.50	22.00
Fine Leaved Fescue (<i>Festuca ovina tenuifolia</i>). Suitable for lawns and putting greens.....	16 lbs.	.80	11.50	70.00
Hard Fescue (<i>Festuca duriuscula</i>). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils.....	14 lbs.	.60	6.50	45.00
Italian Rye Grass (<i>Lolium italicum</i>). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass.....	22 lbs.	.50	4.50	20.00
Kentucky Blue Grass (<i>Poa pratensis</i>). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod.....	14 lbs.	.70	8.00	55.00
Meadow Fescue, or English Blue Grass (<i>Festuca pratensis</i>). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures. It grows rapidly in rich and rather moist soils and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses.....	15 lbs.	.45	6.00	35.00
Meadow Foxtail (<i>Alopecurus pratensis</i>). One of the best grasses for permanent pasture, and should always form a fair proportion of the mixtures for that purpose. Thrives best on a rich, strong soil.....	10 lbs.	.60	5.50	50.00
New Zealand, or Chewing's Fescue (<i>Festuca rubra</i>). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.	14 lbs.	.70	8.00	55.00
Orchard Grass. A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil. It prefers a moderately dry soil with considerable sandy material. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.....	14 lbs.	.40	5.00	35.00
Red, or Creeping Fescue (<i>Festuca rubra</i>). Resists extreme drought, thrives on gravelly banks and exposed hills. Excellent for Lawns and Putting Greens. 25 lbs. per acre.....	14 lbs.	.60	7.00	50.00
Red Top, Fancy Cleaned (<i>Agrostis vulgaris</i>). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, and meadow lands. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses. Use 14 to 16 lbs. to acre.....	30 lbs.	.50	12.00	40.00
Rhode Island Bent (<i>Agrostis tenuis</i>). Fine for putting greens and lawns.....	14 lbs.	1.75	20.00	140.00
Rough Stalked Meadow Grass (<i>Poa trivialis</i>). A spreading, stoloniferous rooted grass. Adapted for shady lawns and pasture mixtures.....	14 lbs.	.75	9.25	65.00
Sheep Fescue (<i>Festuca ovina</i>). A small tufted, hardy grass, of value in mixture for lawns or dry soil.....	14 lbs.	.60	7.00	46.00
Tall Meadow Oat Grass (<i>Avena elatior</i>). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture on account of its early and late growth.....	10 lbs.	.40	3.25	30.00
Timothy, or Herb Grass (<i>Phleum pratense</i>). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover.....	45 lbs.	.20	5.50	12.00
Wood Meadow Grass (<i>Poa nemoralis</i>). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold.	14 lbs.	.90	11.50	80.00

FARM AND FIELD SEEDS

BARLEY

48 lbs. to the bushel, 2 bushels to the acre

Oderbrucker. A six rowed bearded variety. Bush \$4.00

BEANS

Sow $\frac{1}{2}$ to $\frac{3}{4}$ bushels to the acre

Soja Bean, E. Black Wilson. Valuable as a forage crop and for fertilizing the soil. Thrives well in hot and dry weather. 4.50

BET, MANGEL-WURZEL

Sow 6 to 8 pounds to acre

Champion Yellow Globe. Bright orange color; globe-shaped and of excellent quality. Lb. \$0.75
Danish Sludstrup. A long, reddish yellow variety.75
Golden Tankard. An enormous yielder per acre. Flesh deep yellow.75
Mammoth Long Red. The largest and heaviest cropper of all the Mangels.75

BUCKWHEAT

48 pounds to the bushel. Sow 1 bushel to the acre

Japanese. Earliest and most productive of the Buckwheats. Peck Bush. \$1.25 \$4.00

FIELD CORN

8 quarts will plant 1 acre in hills
 3 bushels will sow 1 acre broadcast

FLINT VARIETIES

Golden Nugget. Very early, large ears, which average from 12 to 15 in. long. Peck Bush \$1.50 \$5.00
Longfellow. A large-eared Flint variety, grown extensively for its productiveness. Ears 8-rowed, often 14 to 15 in. long, with small cob and deep kernels. 1.25 4.50
Luce's Favorite. Ears large and abundant foliage. Valuable for ensilage or as a shell corn. 1.50 5.00

DENT VARIETIES

Improved Leaming. Large ears, deep-grained and of a deep orange color. Early maturing, distinctly Dent, and a great yielder. 1.25 4.50
Lancaster County Sure Crop. A good variety for crib or silo. Long ears with deep yellow grains. 1.50 5.00

FODDER AND ENSILAGE VARIETIES

Eureka. The plants grow 12 to 15 ft. high. Valuable for ensilage or as a yellow Dent Corn. 1.50 4.75
Southern Horse Tooth. A large, leafy grower, especially valuable for ensilage. 1.25 4.00
Sweet Fodder. Succulent and nutritious for feeding green. 1.50 5.00

MILLET

Golden. Very large crop, though not so early as Hungarian. Grows 3 to 5 ft. high. Sow 1 bushel to the acre, 48 lbs. to the bushel. Bush 100 Lbs. \$4.25 \$8.00
Hungarian. A favorite Summer forage crop. Sow in June, can be cut in about 60 days. Withstands heat and drought well. Plant about 3 pecks to 1 bushel per acre, 48 lbs. to the bushel. 4.00 7.50

Japanese. Sometimes called Barnyard Millet. Grows very tall, 6 to 7 ft.; makes valuable forage and is the greatest yielder of all the Millets. Sow about 15 lbs. per acre, 35 lbs. to the bushel. \$4.50 \$12.00

OATS

Sow 2 to 3 bushels to the acre, 32 lbs. to the bushel

Storm King. The heads measure from 8 to 10 in. and the kernels are of immense size, thick, plump and heavy. It is very early, has great length of straw, producing 70 bushels per acre. Bus. \$2.75, 10 bus. or over \$2.50 per bus.
Canada Cluster. A very early variety with long straw and thick, plump heavy grains. A true side Oat and heavy cropper. Bus. \$2.50, 10 bus. or over, \$2.25 per bus.

PEAS

Canada Field. Valuable for cattle feeding and ensilage. Sown broadcast in the Spring at the rate of two bushels to the acre. Pk. \$1.50, bus. \$5.50.
Cow Peas, Whippoorwill. A very early maturing variety of upright or bush growth. Sow 2 bushels per acre, 60 lbs. per bushel. Bus. \$7.00.

RAPE

Dwarf Essex. Fine for sheep pasture; valuable as a soil enricher. Plant in June or July in drills at the rate of 3 lbs. per acre, broadcast 5 lbs. per acre. Lb. 25c., 100 lbs. \$15.00.

RYE

For grain, 1 bushel to the acre; for forage or soiling, $1\frac{1}{2}$ bushels, 56 lbs. to the bushel.

Giant Winter. Popular as a cover crop. If allowed to mature will produce a heavy crop of grain, and a fine quality of straw if cut about July 1. Pk. \$1.00, bus. \$3.50.

SUNFLOWER

Mammoth Russian. Very productive, large heads with large seeds. Valuable for poultry; 5 lbs. will plant 1 acre. Lb. 25c., 25 lbs. \$4.50, 100 lbs. \$16.00.

VETCHES, OR TARES

Spring Vetches (*Vicia sativa*). Highly valuable for soiling or for green manuring. Sometimes grown with Oats for mowing and feeding to stock. Use 40 to 60 lbs. to the acre. Sow in Spring while ground is cool and moist, or in early Autumn. Lb. 20c., 100 lbs. \$12.00.
Winter Vetches (*Vicia villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for Fall sowing with Rye. A valuable food for stock in early Spring. Use 30 to 50 lbs. per acre. Lb. 30c., 100 lbs. \$20.00.

WHEAT

The seed Wheat we offer is grown in Pennsylvania by a very reliable grower, especially for seed purposes. Sow $1\frac{1}{2}$ bushels to the acre.

Marquis Spring. A very early beardless Wheat that succeeds well in the East, producing larger yields than any other kind. Sow as early as possible about $2\frac{1}{2}$ bushels per acre. Bus. \$4.50.
Leap's Prolific. A very hardy, beardless white chaff and dark amber grain. Market price.
Pennsylvania 44. A bearded, large red variety. Market price.
Trumbull. A medium size, red hard grain, beardless, great yielder, and stands up well. Market price.

Prices on all Farm Seeds are subject to market fluctuations.



SUMMER-FLOWERING BULBS

ACHIMENES

Profuse blooming tender perennials for greenhouse or conservatory decoration during Summer.

Finest Mixed Varieties. Doz. \$3.00, 100 \$20.00.

AGAPANTHUS

umbellatus (Blue Lily of the Nile). A most desirable plant for outdoor decoration; planted in large pots or tubs on the lawn or piazza. Pot-grown plants. 6-in. each \$1.50, doz. \$15.00.

AMARYLLIS

They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing; but at their season of rest water should be given sparingly.

Hippeastrum, Veitch's and Ker's New Hybrids. The finest race of Amaryllis in cultivation. Each \$1.00 doz. \$10.00.

equestris (Barbados Lily). A garden variety with orange-scarlet flowers. Each 30c., doz. \$3.00, 100 \$20.00.

formosissima (Jacobean Lily). Brilliant scarlet. Each \$1.50., doz. \$10.00.

johnsoni. Deep rich crimson with white stripe on each petal. Each 50c., doz. \$5.00.

ANEMONES

Dainty summer flowering plants with flowers 2½ in. in diameter on strong stems.

Coronaria. St. Brigid. Double and semi-double. Doz. \$1.20, 100 \$8.00.

BEGONIAS

Splendid pot plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the Summer. For bedding they should be started in hotbed in March and April.

SINGLE TUBEROUS-ROOTED

Separate Colors: Crimson, Pink, White, Yellow or Mixed. Each 35c., doz. \$3.50, 100 \$25.00.

DOUBLE TUBEROUS-ROOTED

Separate Colors: Crimson, Pink, White, Yellow or Mixed. Each 35c., doz. \$3.50, 100 \$25.00.



Begonia, Double Tuberous-rooted



Calla, Golden Roosevelt

CALLAS (Richardia)

Splendid as pot plants or for outside planting. They may be started inside and safely planted out in May.

	Each	Doz.	100
Black Calla. Long light green leaves, flowers violet and black.	\$0.50	\$5.00	\$35.00
Elliottiana. Flowers are large, rich dark golden yellow. Leaves beautifully spotted with white.	.50	5.00	35.00
Golden Roosevelt. A new yellow Foliage spotted.....	1.00	10.00	....
Mrs. Roosevelt. White flowers tinged with yellow, leaves spotted. Will bloom continuously through the Summer.....	.35	3.50	25.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Grand, tropical plant. A favorite for specimens on the lawn. Height 3 to 4 ft. Each Doz.

Large Bulbs, 7 to 9 in. in circum.....\$0.25 \$2.50

Mammoth Bulbs, 9 to 11 in......35 3.50

FANCY-LEAVED CALADIUMS

Beautiful, variegated-leaved plants adapted for pot culture or bedding if given sheltered positions.

Fancy-leaved Mixed Varieties. Each 40c., doz. \$4.00, 100 \$30.00.

CANNAS—See Page 51

CINNAMON VINE

DIOSCOREA batatas. A rapid growing Summer climber, with bright green, glossy foliage and spikes of cinnamon-scented white flowers. Each 15c., doz. \$1.50, 100 \$8.00.

CRINUMS

Summer flowering bulbs, closely allied to Amaryllis. They can be used as a pot plant or planted in the garden for the Summer and taken up in the Fall.

Fimbriatum. Pure white with lavender-Each Doz. pink stripes through center of petals..\$0.75 \$7.50

Kirki. Flowers pure white, striped with purple. Flower spikes 2 ft. high..... 1.00 10.00

Powell Pink. Peach blossom pink..... 1.00 10.00

SUMMER FLOWERING BLUBS—Continued

CANNAS

Cannas should not be planted until the warm weather sets in, or about May 15th. If planted too early the bulbs are apt to rot.

The following are a selection of the largest flowering varieties which we can recommend for bedding or borders. We shall be pleased to supply other varieties not named at catalog prices.

Fiery Cross. Very large, vivid scarlet. Foliage green. 5 ft.....	Doz.	100
Hungaria. The ideal pink bedder: large trusses of flowers. 3 ft.....	2.00	12.00
King Humbert. Bronze foliage, with orange-scarlet flowers. 4 ft.....	1.50	10.00
Orange Bedder. Bright orange, with scarlet suffusion. 4 ft.....	1.20	8.00
Panama. An attractive rich range-red, with edge of golden yellow. 3 ft.....	1.00	7.00
Richard Wallace. Canary-yellow, 4½ ft.	1.20	8.00
San Diego. Persian yellow, with crimped petals. 4 ft.....	1.20	8.00
The President. A gorgeous green leaf variety with great trusses of orange red flowers.....	1.20	8.00
Yellow King Humbert. A beautiful yellow, lightly spotted red, with green foliage. 5 ft.....	1.50	10.00
Mixed Varieties.....	1.00	6.00

Not less than half dozen of any variety supplied.

DAHLIAS

See pages 53, 54, 55 and 56.

GLADIOLUS

See pages 57, 58, 59, 60 for illustrations, description and prices.

GLOXINIAS

Handsome Summer-flowering, tuberous-rooted plants adapted for pot culture. One bulb should be used for a 4-in. pot, using properly mixed soil and care being taken in watering.

Red, Spotted, White or Blue.....	Each	Doz.
Choice Mixed Colors.....	\$0.50	\$5.00

Bulbs ready for delivery in February



Canna

HYACINTHUS CANDICANS
(Cape Hyacinths)

A snow-white Summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from twenty to thirty pure white, bell-shaped flowers.

Extra Large Bulbs. Each 20c., doz. \$2.00, 100 \$12.00.

If wanted by mail add 15c. per dozen for postage.

LILIES

See pages 61, 62 and 63 for color plates, description and prices.

IRIS, JAPANESE

The Japan Iris is perfectly hardy and flowers in great profusion in July and August.

The large size of the flowers is noteworthy, as they often reach 6 to 8 inches across in most fascinating combinations.

Gold Bound. Large, pure white, yellow center.

Helen von Siebold. Reddish violet, veined white, three petals.

Pyramid. Violet-blue, veined white in center of each petal.

Templeton. Double light blue, mottled rose and white.

Victor. White, veined violet-blue, purple center.

Prices of the above, strong clumps, 50c. each, \$4.50 for 10

Large individual clumps, \$1.00 each, \$9.00 for 10.

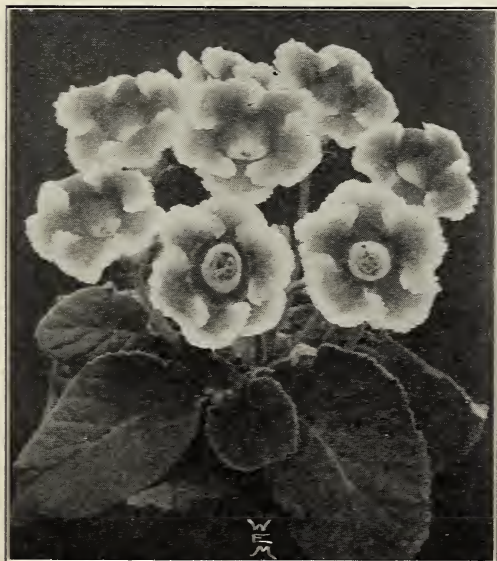
ISMENE (Calathina Grandiflora)

One of the best of our Summer-flowering bulbs. Clusters of large, fragrant, pearly white flowers, resembling the Amaryllis family.

Large Bulbs. Each 30c., doz. \$3.00, 100 \$20.00.

THE BOOK OF BULBS

A very useful book for all lovers of bulbs and their cultivation. Price \$3.00 postpaid.



Gloxinia Hybrida

SUMMER FLOWERING BULBS—Continued



Spiraea (Astilbe)

MADEIRA or MIGNONETTE VINE

A rapid growing, beautiful and popular vine, covering a large space in a short time. Heart-shaped leaves of a light green, with numerous racemes of feathery flowers of delightful fragrance.

Mammoth Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.

MONTBRETIAS

Hardy Summer flowering bulbous plants which should be planted in the early Spring and will flower in September. Bulbs may be left in borders during the Winter, if well covered, and will flower earlier than Spring-planted stock.

	Doz.	100
Fire King. A glowing scarlet. Large flowers of the finest quality.....	\$1.50	\$10.00
George Davidson. Free flowering yellow	1.50	10.00
His Majesty. (See color plate opposite page.) Each, 60c.....	6.00	45.00
King Edmund. Giant rich golden with brown markings in throat. Tall, sturdy grower.....	1.50	10.00
Queen Alexandra. Large orange yellow, with distinct crimson bars.....	1.50	10.00
Westwick. District orange red with clear yellow eye, surrounded with a circle of maroon.....	1.50	10.00
Mixed Varieties.	1.25	8.00

OXALIS

No bulb is more valuable for edging the borders of walks or flower beds. Elegant foliage and pretty flowers, bloom quickly after planting.

Dieppei. Pure white.

Lasiandra. Rosy pink, cut foliage.

Shamrock. Clover-like foliage; pink flowers.

Mixed Colors. Several varieties.

Mammoth Bulbs. Doz., 30c.; 100, \$2.00.

SPIRAEA (Astilbe)

These hardy Astilbes will thrive in any good rich soil, flowering in June and July in showy panicles.

America. Charming lilac rose flowers.

Gladstone. Fine spikes of pure white.

Philadelphia. Clear lavender rose.

Queen of Alexandra. Large fluffy pink spike.

Rubens. Deep carmine rose.

Field grown clumps of any of the above.

Each, 75c. Post. extra, 15c. Doz., \$7.50 by express.

TIGRIDIA (Shellflower)

Very showy Summer flowering bulbs growing about 24 inches in height. Bulbs should be planted 2 inches deep and 6 inches apart and treatment similar to Gladiolus should be given them.

Mixed Colors. Each, 20c.; doz., \$1.75; 100, \$12.00.

TUBEROSES

One of the most fragrant and popular of the Summer flowering bulbs. May be started in hotbeds or pots, or planted in open ground after first day of May

Each Doz. 100

Excelsior Double Pearl. Extra fine bulbs.....\$0.15 \$1.25 \$8.00

Armstrong's. The single ever-blooming Tuberose..... .15 1.25 8.00

ZEPHYRANTHES

ZEPHYR FLOWER OR FAIRY LILIES

A hardy, dwarf, bulbous plant, flowering in great profusion in the Summer.

rosea. Beautiful clear rose, very large flowers. Doz., \$2.00; 100, \$15.00.

THE BOOK OF BULBS

"The Book of Bulbs," by Frederick Frye Rockwell, by means of lucid, readable text and many excellent illustrations, takes the reader into the garden and reveals to him the possibilities in the utilization of bulbous plants in any type of garden development. This is not a botanical survey of bulbs but, as the illustrations will reveal on the first hasty turning of the pages, a garden book for everyone from the amateur enthusiast to the professional horticulturist.

Price, postpaid, \$3.00.



Tigridia



MONTBRETIA "His Majesty"

In presenting this exquisite Montbretia we feel that we have an outstanding and decidedly meritorious novelty. Apart from the immense size of the individual flowers, the prodigality with which they are offered, their brilliant coloring, and long keeping qualities combine to make them one of the daintiest and finest of cut flowers.

Price 60c. each, \$6.00 per doz., \$45.00 per 100.



POMPON DAHLIAS

Our offerings in these miniature dahlias will be welcomed by the increasing hosts of their admirers. Our illustration gives a faint idea of the range of colors and combination of shades in which pompon dahlias are now available. (See Pompon Dahlias list—Page 53.)

POMPOM DAHLIAS

Pompom Dahlias, long forgotten and neglected, have staged a "come back" and the reception accorded them by the visitors to our exhibit at the last New York Dahlia Show augurs well for their popularity. Easier to grow than their larger kindred, giving more prodigally of their brilliant blooms, they will be found most useful either as a cut flower or for permanent garden decoration. Being of rather dwarf growth they require very little support and disbudding is quite unnecessary. The popular prices of these little beauties will enable all lovers of flowers to grow a wide selection of varieties.

	Each
Alewine. Delicate pink; suffused lilac.....	\$0.50
Ariel. Orange buff; long stems.....	.50
Aimee. A wee bronze gem, long stems.....	.50
Arthur. (New). Small brilliant scarlet. Extra.....	.50
Amber Queen. Amber, shaded orange, good cut flower.....	.50
Annie Doncaster. Yellow base, suffused pink..	.50
Barbara Purvis. Immaculate white.....	.50
BobbINETTE. A cream white, edged with lavender.....	.75
Belle of Springfield. Crushed strawberry.....	.50
Bobby. Rich plum color; very effective.....	.50
Charming. Exquisite lavender pink.....	.75
Catherine. Bright canary yellow; long stems...	.50
Cheerfulness. Rich orange suffused red.....	.75
Clara Elizabeth. Extra fine. Deep scarlet....	1.00
Clara Harsh. Yellow, daintily tipped crimson..	.50
Darksome. The best real dark red.....	.50
Dee Dee. Very small pale lavender.....	.50
Darkest of All. Dark Maroon; almost black....	.50
Dr. Jim. Light ground; edged purple.....	.75
Dream of Love. Exquisite old rose and cream...	1.00
Dark Eye. White, tipped lavender; darker center.	.75
Elizabeth. Golden yellow edged with brownish red.....	.50
Ernest Harper. Brilliant cherry red.....	.75
Fascination. An extra fine shade of pink.....	.50
Fashion. A brilliant orange.....	.50
Fairy Queen. Very choice. Yellow tipped with pink.....	.50
Gypsy. Very small yellow delicately flushed with sunset red. A superb variety.....	1.00
Gandymede. A blending of soft mauve and tan..	.50
Graus Aus Wein. Crushed strawberry; a splendid variety.....	.50
Goldie. A tiny flower of pure gold.....	.75
Glow. Light rose pink or coral. Very pretty.....	.50
George Ireland. A beautiful shade of mauve.....	.50
Hazel. Soft buff deepening to brown.....	.75
Helen Cottrell. A perfect gem of baby pink....	.50
Highland Mary. Variegated white and crushed strawberry.....	.50
Ideal. Bright yellow; fine form. One of the best.	.75
Kim. An exceptionally fine bright orange.....	.50
Klein Domitea. A fine light bronze.....	.50
Joe Fette. The best and smallest white.....	.50
Lassie. Yellow base; old rose shadings.....	.50
Little Herman. Dark red, petals tipped white..	.50
Little Helen. Extra fine lavender.....	.50
Little Beauty. Neat, small pink.....	.50
Little Frances. Brilliant flame red; long stems..	1.00
Little Lloyd. Deep burnt orange shading to amber.....	.50
Little Sweetheart. Bright red, tipped white....	.50
Madeline. Primrose yellow, edged rosy purple..	.50
Midget. Soft salmon, suffused violet.....	.50
Mike. A delightful burnt orange, shading lighter on outer petals. Flowers small and round....	.75
Nerissa. A rich Cattleya or orchid pink.....	.50
Oleta. Subdued Oriental red; extra long stems ..	.50
Prince Charming. Cream, tipped purple.....	.50
Petite. A lovely new shade of amethyst.....	.75
Regulus. Bright purple; small and compact....	.50
Rosebud. White and rosy pink edge. Dainty....	.50
Ruth Marshall. Variegated red and white.....	1.00
San Toy. White, tipped carmine.....	.50
Snow Bird. A perfect white.....	.50
Snow Drop. An exceptionally good white.....	.50
Susie. Brilliant red. Fine stems for cutting....	1.00
Snicker. Dark maroon; almost black.....	.50
Tommy Keith. Crimson with white tips.....	.50
Vivid. Brightest scarlet. Extra fine.....	.50
Yellow Gem. A free flowering yellow.....	.50

ROSETTE

or

Miniature Decorative Dahlias

Here we offer a distinctly different class of dahlias than those listed elsewhere. They have aptly been called the "vest pocket" editions of the huge flowering decorative types. Compact and sturdy in habit, they are perfect gems for cutting and no collection of dahlias can be considered complete without a quota of these charming miniatures.

Charlotte. Rich golden orange; long stems. Fine cut flower.

Cupedo. Lilac rose with long stems. Choice.

Garden Love. Brilliant carmine pink. Superb.

Glow. Brilliant orange-scarlet. Extra fine.

Irene. Exquisite old rose; flowers average about 2½ inches in diameter.

Little Jewel. The out-standing gem of this section. Pastel pink shade; perfect form.

Pink Aster. Bright pink. Like an aster in form.

Pink Pearl. A new English introduction similar to Little Jewel but of a deeper color.

White Aster. Immaculate white. Very choice.

Prices of any of the above. Each \$1.00.

Collection. One tuber of each of the above nine varieties for \$5.00.



Dahlias, Rosette

SUPERB DECORATIVE DAHLIAS

The Decorative Dahlias have very large flowers with broad petals; they all flower freely on long, strong stems. Our list of varieties is selected from the best adapted for exhibition and cutting.

	Each		Each
Altesse. A bright buttercup yellow.....	\$3.50	La Chrysanthia. A very large canary yellow on long, stiff stems.....	\$4.00
Altamont. Rose pink deepening towards the center.....	3.50	Lavendula. The best lavender shade. Strong grower.....	7.50
Barbara Redfern. A wonderful combination of old rose and gold. Mammoth flower....	5.00	Lilian Baldwin. A beautiful shade of rose pink.....	3.50
Calvin Coolidge, Jr. Immense bright rose-pink, petals edged gold.....	3.50	Margaret Woodrow Wilson. An opalescent pink.....	2.50
Champagne. Autumn shades of copper and chamois.....	2.00	Marmion. Pure golden yellow with bronze suffusion on reverse side of petals.....	3.50
Charlotte La Frenze. Beautiful shades of yellow salmon and apricot. A wonderful color effect.....	5.00	May Trower. Azure gold tinted with mauve. A wonderful exhibition variety.....	7.50
Chemar's Delight. The color is clear lemon yellow.....	3.00	Marshall's Blue Gem. The color is the nearest approach we have to blue. Perfect large blooms on long stout stems.....	5.00
Chemar's Eureka. This wonderful white was seen in its magnificent form and admired by all last year. Long stiff stems and sturdy plants. Plants only.....	10.00	Marshall's Beauty. A lovely flower of bright shell pink, shading lighter at the tips of the petals. At the base is seen a slight golden sheen. One of our best exhibition and cut flower variety.....	5.00
Chemar's Purity. A perfect white decorative.	7.50	Marshall's Glory. A bright American Beauty color seedling of Elite Glory with all its good habits. A very free bloomer and good keeper.	5.00
Chemar's U. S. A. An apricot buff-suffused gold.....	7.50	Marshall's Matchless. A huge stag horn decorative of light orchid shading to Cattleya in center. Can easily be grown 12 inches in diameter and cut with a four foot stem which holds the flower facing. Plants only.....	7.50
City of Trenton. An autumn colored Dahlia of rich glowing tangerine, reverse strawberry red.....	7.50	Mrs. A. E. Wheeler. A wonderful decorative. The color is beautiful, fuchsia, shading to magenta with reverse of petals striped white showing in the center. Stem long and stiff. Admired by all who have seen it.....	10.00
Clyde Fisher. Golden yellow with light rose suffusion. Excellent for cutting.....	3.50	Mrs. A. C. Bedford. An extra fine rose pink.	3.00
Carle's Red Emperor. Flame red, long, strong stem. Splendid cut flower.....	5.00	Mrs. Ellinor Martin. A deep mulberry and rose.....	2.50
Color Sargeant. Color is rich, deep salmon bronze of one shade. One of the best varieties.	5.00	Mrs. W. E. Marshall. Large blooms of silvery lavender slightly suffused white. A perfect long stem and good grower.....	7.50
Copper King. A combination of copper, yellow and light red reverse.....	2.00	Nancy Hare. Color a true old rose. Perfect rigid stem and a good keeper.....	7.50
Couronne D'Or. Old gold with old rose reverse.....	3.50	Oyster Bay Beauty. A rich dark velvety color.	3.50
Doris Caney. A rich colored old gold.....	5.00	Queen of the Garden Beautiful. The color is bright yellow with tints of green.....	3.50
Eagle Rock Beauty. A beautiful combination of pink and cream. Immense blooms.....	7.50	Rodman Wanamaker. The greatest autumn colored Dahlia. A golden salmon-pink.....	3.00
Eastern Star. Soft shadings of real old gold..	2.00	Robert Scott. A rich orange buff, shaded to rosy gold in the center.....	3.00
Elite Glory. A monstrous flower of brilliant rich red.....	3.50	Rose Fallon. Shades of amber, russet and salmon.....	2.00
Eliza Clarke Bull. A very fine white.....	3.00	Sanhican's Blue Bird. A near approach to blue.....	2.00
F. T. D. Color, a rich Tyrian rose. Long rigid upright stems and a good keeper.....	4.00	Sanhican's Gem. A shade of old rose.....	2.00
Fordhook Gold Crest. Salmon pink, yellow center.....	3.50	Sanhican's Magnate. A pale amaranth pink.	2.50
Fort Washington. Dark mahogany red flowers, strong robust grower.....	3.50	Shirley Eileen Shattuck. A very fine lavender on long stiff stems.....	7.50
Fordhook Radiance. A bright peach red, suffused with bronze flowers of immense size.	2.50	The Telegram. A wonderful orange-yellow tipped white. Large flowers.....	7.50
Golden Dream. One of the best of the "Golds"	7.50	Watchung Sunrise. Golden amber, reverse petals and edges rose pink. Very distinctive.	7.50
Herald-Tribune Elite. A rich pure white...	3.00	Waldheim's Sunshine. A true deep yellow with deeper reflex. An ideal grower and free bloomer with perfect centers.....	15.00
Hathor. The color is flame with Oriental shading.....	3.50	Yankee King. Intense flame with rose reverse. Large flowers on bold erect stems. A grand exhibition variety.....	7.50
Harry Mayer. A beautiful silvery pink, with a deep rose pink on reverse petals.....	7.50		
Jane Cowl. By far the finest Dahlia seen at the Exhibitions in 1928. Deep massive blooms of bronzy buff and old gold, blending deeper towards the perfect center.....	10.00		
Jersey's Beacon. A Chinese scarlet of merit..	1.25		
Jersey's Caprice. A mixture of buff orange and gold flowers.....	3.00		
Jersey's Ideal. Lavender pink flowers.....	3.50		
Jersey's Masterpiece. Strawberry pink suffused gold at base of the florets.....	10.00		
Jersey's Matchless. A beautiful golden buff.	2.00		

DAHLIA PLANTS

We offer plants any of these varieties.
For prices etc., see page 56.



DECORATIVE DAHLIAS—Continued

The following are selected as being some of the best of the popular varieties.

Our large stocks of these enable us to sell all at a uniform price.

Amun Ra. Copper and orange.
Champagne. Champagne and chamois.
Dakota. Coral red with coppery suffusion.
Dr. Tevis. Old rose suffused with gold.
Eldorado. Golden yellow.
Eleanor Vanderveer. Satiny rose pink.
Giant Ruby. Very large vivid red.
Insulinde. Beautiful golden orange.
Jersey's Beauty. A real rose pink.
Jersey's Jewel. A monstrous Mallow pink.
Jersey's King. Very large begonia rose.
Margaret Masson. A beautiful silvery rose pink.
Mordella. A bright apricot buff color.
Mrs. Carl Salbach. A lovely mauve-pink.
Mrs. I. DeVer Warner. A deep mauve pink.
Mrs. John T. Scheepers. Yellow and pink suffusion.
Myra Valentine. A golden bronze.
Pride of California. An immense crimson red.
Robert Treat. American Beauty Rose color.
Rosa Nell. Clear bright rose.
Sagamore. Pure gold with apricot center.
Snowdrift. A giant white.
The Emperor. An enormous purple maroon.
Trentonian. A perfect flower in brown tones.
Winifred Slcombe. Autumn shades.
Wizard of Oz. A very large amber pink.
World's Best White. One of the best whites.

Sound tubers of any of the above. Each \$1.00.



Dahlia, Jane Cowl

CACTUS AND HYBRID CACTUS
DAHLIAS

The following varieties comprise the cream of the novelties which have proved to be of extra merit.



Dahlia, P. W. Popp

	Each
Alexander Pope. Attractive crimson with reverse of magenta. Huge shaggy flower.	\$3.00
Ambassador. Soft yellow shaded salmon pink.	1.00
Attraction. H. C. Clear lilac rose. Good stems . . . . .	.75
Countess of Lonsdale. Deep salmon red. . . . .	.50
Edna Ferber. H. C. Color glistening coral, shading to old gold at the base of petals.	5.00
Chemar's Masterpiece. A extra large incurved cactus of orchid pink coloring.	7.50
Emma Marie. H. C. Bright pink and white.	1.00
Esther Nelson. H. C. Deep yellow, faintly touched with carmine. Fluffy twisted petals.	7.50
Francis Lobdell. H. C. Mallow pink and white.	1.00
F. W. Fellows. Orange and terra cotta. . . . .	.75
Gladys Sherwood. H. C. A giant white.	1.00
George Walters. H. C. Salmon pink shaded gold. . . . .	.75
Jean Hare. H. C. A beautiful golden yellow, changing to golden bronze.	7.50
Jersey's Mammoth. H. C. Golden mahogany.	2.50
Jersey's Radiant. H. C. Bittersweet orange.	1.50
La Mexicana. H. C. Burnt orange, toning to copper. An early free bloomer.	5.00
Lucky Strike. H. C. Very large pure white.	3.50
Mrs. Henry E. Foley. H. C. A combination of white and suffused magenta. Strong stems.	7.50
P. W. Popp. H. C. A beautiful rich golden yellow slightly suffused rose, reverse veined rose. A very artistic flower.	10.00
Papillion. H. C. Old rose with gold tints.	2.00
Pierrot. Deep amber tipped with white. . . . .	.75
Silverado. An immense white, gradually shading towards the center to a silvery lavender.	5.00
Siskiyou. H. C. Pink tinged mauve.	2.00
The Grizzly. Dark velvety maroon.	1.00



SINGLE DAHLIAS

These have become very popular for cutting purposes. We list a few of the best varieties.

	Each
Ami Barillet. Brilliant scarlet, dark foliage. . . .	\$0.75
Lotus. A distinct and charming shade of carmine rose with light yellow suffusion towards center of petals.	1.25
Margaret. A very large clear pink on long st ms. . . .	1.00
Marshall's Fire Flame. A brilliant flame on a long stem. Free flowering.	1.00
Marshall's Gloria. A pure white with each petal edged with bright rose. Fine for cutting.	1.00
Newport Triumph. Bronze, shaded salmon pink	1.00
Newport Wonder. A beautiful rose pink.	1.00
Sambo. Dark maroon. Extra fine. . . . .	.75
Tango Century. A very large bronze. . . . .	.50

COLTNESS HYBRID DAHLIAS

These Single Dahlias grow from 18 to 24 inches high. They are very free flowering and useful for beds or borders. The varieties cover a wide range of colors. Tubers, 50 cents each; \$5.00 per doz.

MIGNON DAHLIAS

A class of English dwarf single Dahlias. We offer the following in colors:

Dark Red, Pink, Yellow, Red and White, Purple and Scarlet. Field grown tubers. Each \$1.00.

PAEONY or SEMI-DOUBLE DAHLIAS

This type of Dahlias have from two to five rows of petals, very broad and twisted, showing the yellow center with small petals around it. They are especially fine for cutting. Each

Elizabeth Fournier. Rich deep carmine pink, broad petals of fine substance, long stems.	\$2.00
Ethlyn. Exquisite shade of crushed strawberry pink, showing up well under artificial light. Splendid for cutting.	2.00
Madaline. Apple blossom pink with suffusion of yellow at base of petals. Fine long stems.	2.00
Setauket. Peach bloom pink, very free flowering, long stems for cutting.	2.00

DAHLIA PLANTS

We can supply green plants of all the varieties listed in this catalogue at \$2.00 or over for tubers. Dahlia Plants are not seedlings and will bloom absolutely true to the variety of tubers from which they are taken. Plants are ready for delivery from May 10th to June 20th at the following prices.

Tubers \$10.	Plants \$5.00.	Tubers \$7.50.	Plants \$4.00
Tubers \$5.	Plants \$2.75.	Tubers \$3.50.	Plants \$2.00
Tubers \$3.	Plants \$1.75.	Tubers \$2.00.	Plants \$1.25

All Plants sent by Parcels-Post prepaid.

Our experience and method of packing for Parcels-Post, enables us to guarantee that they will arrive at destination in perfect condition.

MARSHALL'S MATCHLESS COLLECTION OF DAHLIA PLANTS

We offer one plant of each of the following 12 varieties for delivery in May or June. Prizes will be offered for the best vase of the collection at the New York, Greenwich, Morristown and Westbury Dahlia Shows.

Charlotte La Frenz
City of Trenton
Fordhook Gold Crest
Jane Cowl
Mrs. A. E. Wheeler
Silverado

Chemar's Purity
Color Sargeant
Harry Mayer
Marshall's Matchless
P. W. Popp
Waldheim Sunshine

12 Plants. One of Each for \$40.00 (Tuber value, \$110.00).



Dahlia, "The Zinnia"

THE "ZINNIA" DAHLIA

An exquisite variety for small vases or centerpieces in table decorations. Color, brilliant dark velvet red with yellow stamens formed similar to Zinnia flowers. Each \$1.00.

MARSHALL'S ELITE COLLECTION OF DAHLIAS

This collection consists of 12 named varieties of recent novelties. Each variety is carefully named and would retail from \$1.50 to \$2.50 each if purchased separately. The varieties are carefully balanced as to color and guaranteed true to name. Collection of 12 tubers \$10.00.

SPECIAL COLLECTION OF DAHLIAS

This collection is made up from varieties that retail for not less than \$1.00 each. Each variety is carefully named and comprises a wide range of color in 12 distinct varieties.

Collection of 12 tubers \$5.00. If by mail add 15c. for postage.

DOUBLE DAHLIAS

We have some fine tubers of unnamed varieties in **Lavender, Pink, Red, White or Yellow** colors, separate. Each 25c., doz. \$2.50.

All prices of Dahlias are for Tubers unless otherwise stated.

Tubers. We ship tubers in April unless otherwise ordered.

Plants. We guarantee delivery of all plants to arrive in good condition; shipment will be made about the end of May.



Dahlias from Seed

Wonderful Dahlias may be grown from seed and they will bloom the first season, making as large plants and tubers as if grown from bulbs. Bear in mind that each seedling will be a new variety. This makes it the most fascinating part of growing Dahlias. They are seldom like the parent plant in type or color. All the fancy Dahlias of today were grown from seed. Many of them were produced by seed grown by amateurs and sold to growers at fancy prices.



Seed produced in Southern California is superior to that from any other place, as the climate conditions are such that the extra large double varieties produce seed. This is due to the long, rainless seasons.

Growing Dahlias from seed is one of the most interesting stages of Dahlia cultivation. Our seed is carefully selected from the choicest varieties. We send postpaid to any post office in the United States, Dahlia seeds in packets.

We are offering \$50.00 for the best seedling grown from this seed and shown at the A. D. S. Show, Sept. 1929.

**First Prize, \$25.00; Second Prize, \$15.00;
Third Prize, \$10.00**

POMPON DAHLIA SEED

We offer a strain saved from the best of the named varieties of Pompons.

Mixed Pompons. 50 seeds for \$1.00.

GLADIOLUS

There are no other Summer-flowering bulbs so satisfactory, needing so little attention and thriving so well in almost any ordinary soil as the Gladiolus. Set the bulbs from 3 to 6 inches apart in rows, or for massing 6 inches apart, and about 4 inches deep.

KUNDERDI RUFFLED VARIETIES

The following include some of the best varieties introduced by A. E. Kunderd in the ruffled petal type. The flowers and spikes are unusually large, and are extensively grown for exhibition purposes.

Dorothy McKibbin. Rich pink, mottled rose. Early flowering and beautifully ruffled.....	2 for 25c.	1.25	100 \$8.00
E. J. Shaylor. A beautiful, pure, deep rose-pink; tall, strong plant and large flowers.....	2 for 25c.	1.00	7.00
Kunderdi Glory. Creamy apricot with light tint of pink and red on the lower petals.....	2 for 25c.	1.25	9.00
Mona Lisa. Palest rose-pink or blush white. A gorgeous flower.....	2 for 25c.	1.25	8.00
Mrs. H. E. Bothin. Flesh salmon-pink, flame scarlet center. Beautiful combination of color.....	2 for 30c.	1.50	10.00
Miss Helen Franklin. A good white with faint lavender markings; ruffled flowers well placed on stem.....	2 for 25c.	1.00	7.00
Orange Glory. Grand orange colored with beautiful lighter throat; ruffled.....	2 for 30c.	1.50	10.00
Fride of Goshen. A very large salmon or flesh pink. Exceptionally tall spike.....	2 for 25c.	1.25	9.00
Purple Glory. Velvet maroon. Large ruffled flowers; extra fine spike.....	Each 20c.	2.00	15.00
Rose Precose. A beautiful salmon-rose, slightly ruffled. Tall, straight spike.....	Each 25c.	2.50	16.00
Scarlano. A brilliant and most striking flower of rich orange-red. Beautifully ruffled.....	2 for 25c.	1.25	8.00
White Glory. A gorgeous pure white, with beautiful Iris-blue throat; ruffled.....	2 for 30c.	1.50	10.00
Youell's Favorite. Striking rosy lavender-pink; large and beautiful ruffled flower.....	2 for 35c.	1.50	10.00

We shall be pleased to supply any varieties not named at advertised prices.

Add 15c. per doz. if Gladiolus are wanted by Parcels Post.

ROSETTE DAHLIA SEED

Seeds saved from Little Jewel plants.
Rosette. 50 seeds for \$1.50.

MARSHALL'S GOLD MEDAL SEED

All pedigreed hand picked from selected flowers. Pods ripened on plants. You may buy cheaper seed, we doubt if you get better. We can supply seed from the varieties listed below with name of seed bearing parent on package or in mixture.

Ann Rutledge
City of Trenton
Color Sargeant
Eagle Rock Beauty
Edna Ferber
Elite Glory

Harry Mayer
Jane Cowl
Mabel Goodacre
Mme Galli Curci
My Maryland
Mixture of above

50 seeds \$5.00, 100 seeds \$8.00, ½ oz. \$30.00.

MARSHALL'S XX. SOUTH CALIFORNIA GROWER'S SEED

Ambassador
Champagne
Eleanor Vanderveer
Jersey's Beacon
Mrs. I. de Ver Warner
Sagamore

Elite Glory
Faith Garibaldi
Jersey's Beauty
Shudow's Lavender
Mixed Seed

50 seeds \$3.00, 100 seeds \$5.00, 300 seeds \$10.00
of any of above varieties separate.



Gladiolus, Ruffled

GLADIOLUS—Continued

Our selection has been made from many varieties and includes all those of exceptional merit and a wide range of colors.

BLUE AND PURPLE SHADES

Anna Eberius. Dark velvety purple, pansy-purple blotch in the throat. Beau-tiful variety.....	3 for 35c.	..	\$1.25	\$8.00
Baron Hulot. A fine violet-blue.	3 for 35c.	..	1.50	10.00
Duchess of York. The best blue, large flower well placed on long stems.....	.20	2.00	15.00	
Empress of India. A rich, dark purplish maroon, one of the darkest Gladiolus.	3 for 40c.		1.50	10.00
Herada. Pure mauve with deeper markings on throat.....	.3 for 30c.	.70	1.00	7.00
Louise. Orchid lavender with deeper blotch in throat. Wide open flower on strong stem.....	3 for 35c.	..	1.25	8.00
Mr. Mark. Light blue with darker throat; robust grower.....	.20	2.00	12.00	
Mrs. Fred C. Peters. Fine lilac-pink with purplish blotch in throat. Large flowers with long, erect stems.....	.20	2.00	12.00	
Persia. Velvety dark maroon, with a luminous sheen, buds shiny black, medium size flower, early and attractive.....	.30	3.00	20.00	
Rev. Ewbank. A fine porcelain blue....	.25	2.50	16.00	
Viola. Mauve blue, gradually shading to rich violet, throat toned soft canary with purple blotch in lower petals.....	.20	2.00	12.00	

RED AND SCARLET SHADES

Crimson Glow. A perfect scarlet of a deep tone on a tall spike.....	3 for 35c.	..	1.25	8.00
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Dr. F. E. Bennett. Peach red, overlaid with flame scarlet, throat speckled ruby and creamy white. Very large flowers.	Each	Doz.	100	
	\$0.50	\$5.00	\$35.00	

Early Sunrise. A very large red, shaded orange. Early flowering and a fine forcing variety.	Each	Doz.	100	
	\$0.20	\$1.50	\$10.00	



Gladiolus Rose Lindt

Fire King. Long, graceful spikes of intense fire scarlet flowers.....	Each	Doz.	100	
	..	\$1.00	\$7.00	
Flaming Sword. A very early soft red flower; open six or more together.....	.20	2.00	12.00	
George J. Joerg. A brilliant flower, the bud of carmine-scarlet, toning as it opens to a beautiful salmon-pink with creamy yellow and scarlet throat.....	1.25	12.00	....
Mrs. Francis King. Light scarlet of pleasing shade; long spikes, one of the best.....	3 for 30c.	..	1.00	6.00
Red Emperor. A very large, deep scarlet of immense size.	.20	2.00	12.00	
Scarlet Wonder. Purest deep scarlet, mammoth flowers on tall stiff stem.....	.25	2.00	15.00	
Virginia (Scarlet Princeps). A very large spike of massive crimson-scarlet flowers. Five to six open at one time.....	3 for 35c.	..	1.25	8.00

PINK SHADES

America. Large flower, beautiful flesh pink... 3 for 25c.	Each	Doz.	100	
	..	\$0.75	\$5.00	
Arlene. A uniform, pale rose-pink, shading in the throat to a pale flesh-pink, with deep crimson base. A beautiful variety.....	\$0.60	6.00	45.00	
Ashes of Roses (Rose Ash). Corinthian red, fading to ashes of roses on the outer edges. Flowers well set on a very large, tall spike.....	3 for 40c.	..	1.50	10.00
Arizona Rose. A charming shade of light old rose.	3 for 35c.	..	1.25	8.00
Evelyn Kirtland. Rose-pink, darker at the edges and fading to shell-pink in center.....	3 for 30c.	..	1.00	7.00
Gretchen Zang. Pink, blending into scarlet on lower petals.....	3 for 30c.	..	1.00	7.00
Halley. A very attractive delicate salmon-pink. 3 for 30c.	..	1.00	6.00	



Joerg's White Gladiolus



GLADIOLUS—Continued

PINK SHADES—Continued

	Each	Doz.	100
Ida Van. A beautiful deep salmon-red or flaming orange-pink. 3 for 30c. ..	\$1.00	\$7.00	
George J. Joerg. A beautiful rich salmon pink, with a scarlet-crimson throat. A sterling novelty.....	\$1.25	12.00	....
La Couronne. Creamy white with throat Each Doz. 100			
blotched with dark maroon, bordered			
pale yellow.....	\$0.20	\$2.00	\$12.00
Loveliness. A beautiful cream-colored variety..... 3 for 40c. ..	1.50	10.00	
Le Marechal Foch. Pure pink of immense size..... 3 for 30c. ..	1.00	6.00	
Los Angeles. A beautiful grenadine or orange tinted pink. Also called the "Cut and Come Again" as it often sends up new spikes after being cut.....	.20	2.00	12.00
Mrs. Dr. Norton. Pale pink, with primrose center, yellow blotch on lower petals. 3 for 35c. ..	1.25	8.00	
Mrs. Frank Pendleton. The flowers are very large, of lovely flushed salmon-pink, with brilliant carmine blotches in the throat..... 3 for 30c. ..	1.00	7.00	
Mrs. Leon Douglas. Begonia rose striped with flame, lower petal pale lemon, speckled ruby. One of the largest glads in existence.....	.25	2.00	15.00
Mr. W. H. Phipps. La France pink, overlaid with salmon rose, lower petals faintly striped and speckled with ruby; enormous flowers and spike.....	.50	5.00	35.00
Odin. Deep salmon pink, with intense carmine blotch on lower petals; large flowers on strong stem..... 3 for 35c. ..	1.25	8.00	
Panama. Large, wax-like flower, clear pink, large spike..... 3 for 25c. ..	.75	5.00	
Pink Perfection. Bright pink. Very large flower..... 3 for 40c. ..	1.50	9.00	
Pink Wonder. A beautiful pink, slightly lighter than Panama..... 3 for 35c. ..	1.25	9.00	
Prince of Wales. Beautiful light salmon with orange shade, very early... 3 for 30c. ..	1.00	7.00	
Rose Lindt. Deep cerise with white mark on lower petals; an enormous flower. ...	.25	2.50	16.00
Twotint. A delicate flesh-pink shaded white and tinted yellow inside with large, salmon-tinted scarlet blotches.....	.20	2.00	12.00

WHITE SHADES

Joerg's White. This is one of the largest flowered Gladiolus and the finest and purest of all white varieties. Spikes 3 to 4 ft. high and flowers 5 in. across. See cut page 58.....	.60	6.00	45.00
Lily White. A fine snow-white of good height and large flower..... 3 for 35c. ..	1.25	8.00	
L'Immaculee. A beautiful pure white, very tall grower..... 3 for 35c. ..	1.25	8.00	
Mary Pickford. A delicate creamy white. Throat finest sulphur-yellow... 3 for 35c. ..	1.25	9.00	
Peace. The flowers are large, white with a pale lilac feathering on the interior petals. 3 for 30c. ..	1.00	6.00	
White City. Very large, almost pure white flowers, spikes 5 ft. tall. A grand variety. 3 for 40c. ..	1.50	10.00	
White Wonder. Pure white with faint lavender pink tints, large wide open flowers. 3 for 40c. ..	.40	1.50	10.00

YELLOW SHADES

	Each	Doz.	100
Flora. One of the best yellows. Pale corn yellow with delicate lines on lower petals. 3 for 35c. ..	\$1.25	\$9.00	
Gold. A very fine pure yellow.....	.20	2.00	12.00
Gold Measure. A magnificent yellow. Very large open flowers; immense spike.....	.20	2.00	12.00
Niagara. Beautiful cream shade with lower petals blending to yellow inside; throat splashed carmine..... 3 for 30c. ..	1.00	6.00	
Schwaben. Delicate, pale yellow, dark blotch in center..... 3 for 30c. ..	1.00	6.00	
Yellow Hammer. Pure yellow, with a small red mark in the throat. A fine forcer. 3 for 35c. ..	1.25	8.00	

GLADIOLUS IN MIXTURE

	Doz.	100	1000
Our mixtures are made up from fine varieties and are all selected first size bulbs.			
Marshall's Matchless Hybrids. This is our general mixture and is composed of fine sorts in all colors, in extra large size bulbs only.....	\$0.60	\$4.00	\$35.00
Marshall's Special Mixture. This mixture is made up from named varieties and seedlings. They are splendid for cutting and borders.....	.75	5.00	45.00



Gladiolus La Couronne



GLADIOLUS—Continued

PRIMULINUS GLADIOLUS

This race of Gladiolus has come to be extremely popular; they are easy to grow, beautiful for decorations; the colors are very artistic and embrace shades of yellow, pink and scarlet.

	Doz.	100
Alice Tiplady. A grand, large, beautiful orange-saffron color.....3 for 30c.	\$1.00	\$7.00
Dorothy Wheeler. Flowers richest rose-pink with lighter throat. Very large and massive.....3 for 35c.	1.25	8.00
Golden Gate. Light yellow with faint red lines in throat. Ruffled showy flowers.....3 for 35c.	1.25	7.00
Jewel. A clear salmon-pink with golden throat. Tall, erect, early flowering. 3 for 35c.	1.25	8.00
Joerg's White Prim. Purest white in color and perfect Primulinus form. A sterling novelty.....Each	\$1.25	12.00
Joerg's Yellow Prim. A new and distinct Primulinus. A flower spike 5 ft. high, carrying 12 to 18 large pure yellow flowers. Flowers large and wide open.....Each	60c.	6.00 45.00
Maiden's Blush. Enchantress pink. Well-shaped flowers on long, strong stems.....3 for 30c.	1.00	6.00
Myra. Deep salmon on yellow ground with faint lines in throat. Very large flowers on long stem.....3 for 30c.	1.00	6.00
Orange Queen. Large flowers, orange yellow, tinted apricot. A grand variety.....Each	20c.	2.00 14.00
Phantasy. A clear salmon pink with coral margin, buds are brilliant orange-scarlet. The flower petals are pale yellow, edged pink, with crimson veined throat. The upper petal folds back. Early flowering.....Each	25c.	2.50 16.00
Primulinus Species. Small orange yellow flowers on long spikes. Very dainty for decorating.....Each	20c.	2.00 7.00
Salmon Beauty. Deep salmon with rich salmon-yellow throat....3 for 35c.	1.25	7.00
Souvenir. A superb large flowering deep yellow.....3 for 35c.	1.25	8.00
Sunbeam. A beautiful pure yellow. Good forcer.....3 for 30c.	1.00	7.00



Gladiolus Joerg's Yellow Prim

PRIMULINUS HYBRIDS

A very select mixture from the newest hybrids; the most beautiful and delicate tints are found among them and no race of Gladiolus contains such harmonious blendings of color.

	Doz.	100	1000
Selected Mixed Hybrids	\$0.60	\$4.50	\$40.00

We shall be pleased to supply any varieties not named at advertised prices.

GLADIOLUS FOR LATE PLANTING

Gladiolus can be had in flower in late September and October if the bulbs are retarded in cold storage.

We are prepared to place in cold storage any varieties if ordered before the middle of April and ship at any date required for later planting.

Gladiolus bulbs dipped in a solution of **Semesan** will prevent hard rot and other diseases.

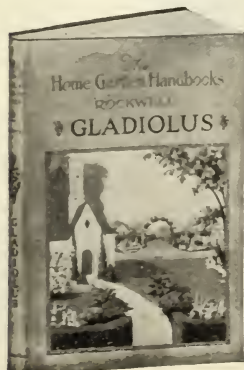
GLADIOLUS by F. F. Rockwell

This is a compact and handy work-book for the grower of Gladiolus, both for cut flowers and for pleasing effects in the home garden.

The suggestions on how and where to use "Glads" and types and varieties will be helpful in making out orders. The chapters on care and culture, increasing the stock, creating new varieties, growing and exhibition, and harvesting and storing, will bring pleasure and success throughout the growing season.

Mr. Rockwell is himself a grower of "Glads," has had life experience in the commercial production of the bulbs, and is the author of several books on gardening.

Price, postpaid, \$1.00



*L. Auratum**L. Tigrinum Splendens**L. Henryi**L. Croceum*

HARDY GARDEN LILIES For Spring Planting

One of our specialties is "The Lily," and on that most interesting subject we have compiled the most comprehensive catalogue ever published and wherein all details of planting and culture will be found, including colored plates of nearly all the varieties in commerce. Owing to the great expense incurred in producing this valuable Lily book we are obliged to charge one dollar for same, which will be credited to the purchase of the first order for Lilies to the amount of three dollars or over. This means that credit slip for one dollar received with book should be sent with your first order for three dollars or over.

**L. Davuricum****L. Speciosum Rubrum Magnificum****L. Regale****L. Japonicum (Krameri)**

MARSHALL'S 1929 SPRING COLLECTION OF HARDY LILIES

We have prepared the following collection of Hardy Lilies for Spring delivery. They will produce an abundance of flowers during the Summer, and if left undisturbed will increase from year to year.

Three good flowering bulbs of each of the following varieties in a wide range of color.

- | | | |
|-------------------------------------|--|---|
| 3 Auratum. White and yellow. | 3 Henryi. Orange yellow. | 3 Speciosum rubrum magnificum. White, spotted red. |
| 3 Croceum. Rich orange. | 3 Japonicum Krameri. Soft pink. | |
| 3 Davuricum. Red and yellow. | 3 Regale. White. | 3 Tigrinum splendens. Red. |

The above collection of 24 bulbs and our book, "Consider the Lilies," sent postpaid for \$10.00.

The value of the above collection, if purchased separately (including the book "Consider the Lilies") would amount to \$14.00.



Learn More About Lilies!

Lilies—symbols of purity, majesty, elegance and grace, have established and maintain for themselves a unique position in the affections and esteem of flower lovers throughout the world. Down through the corridors of the ages they have come to us—a rich heritage, periodically supplemented with rarer and choicer species, as the borders of civilization have been broadened, and man has wrested from Nature the secrets of her hidden treasures.



“Consider the Lilies”

Is the title of a most authoritative book on the culture of lilies. It was originally published by us two years ago and the tremendous reception accorded it has necessitated a **Second Edition**.

Within its 100 pages is unfolded a delightfully entertaining and fascinating treatise on these “Aristocrats of the garden.” It covers in great detail the history, description, as well as the planting and cultural directions of over 125 varieties of lilies. This book is handsomely illustrated with colored reproductions of the majority of the types described.

That this book has been a labor of love for the author—Mr. W. E. Marshall—is evidenced in the great fund of information it embodies. To the amateur it points out the ways to avoid the pitfalls that the culture of Lilies holds for the uninitiated; to the professional gardener

it will be most welcome, as it treats of a host of delightful, little known Lilies which are as easily grown as the commoner kinds. It will be helpful to the nature lover who will find it invaluable in classifying the Lilies encountered in his journeys.

It is the book *par excellence* for those whose “dream gardens” are in the making, for it will help them to transmute their dreams into realities.

The above book will be sent postpaid to any address in the United States upon receipt of \$1.00. Upon request it will be sent **FREE** with orders for Lilies amounting to \$3.00 or more.

NOTE PRICE CHANGES

Those who have already received our Lily Book should write for price list for 1929 wherein they will find many price changes to their advantage. It is the policy of the firm to endeavor to reduce prices where possible and particularly so in the higher priced varieties to encourage growing of some of the choicer kinds.

LILIES FROM SEED

Growing some of the easier types of Lilies from seed is a fascinating pastime. In our efforts to encourage the growing of the more popular varieties we are offering a limited quantity of seed harvested by us in our trial grounds. The best method is to sow the seed in flats of well drained soil composed of $\frac{1}{2}$ good garden loam, $\frac{1}{4}$ leaf mold and $\frac{1}{4}$ sharp sand and gravel mixed in equal parts. Growing Lilies from seed is by no means a simple process. It requires abundant patience and close attention. We offer seed of the following varieties:

AURATUM	MARTAGON
AURATUM PLATYPHYLLUM	REGALE
SPECIOSUM RUBRUM	

Seed of the above Lilies at 25c per pkt.

MARSHALL'S LILY FOOD

Leaflet on request.

A specially prepared stimulant for Lilies. Directions for use on each container.

2 lb. tin 75c. *Postage extra*, 1st and 2nd zone 9c., 3rd zone 12c., 4th zone 17c., 5th zone 22c., 6th zone 29c., 7th zone 33c., 8th zone 38c.

5 lb. tin \$1.50. *Postage extra*, 1st and 2nd zone 12c., 3rd zone 18c., 4th zone 29c., 5th zone 40c., 6th zone 50c., 7th zone 60c., 8th zone 70c.

25 lb. drum \$6.00, by express or freight collect only.

100-lb. drum \$15.00, by express or freight collect only.

COLD STORAGE LILIES

For Greenhouse Forcing

We have in Cold Storage bulbs of the following Lilies available for shipment during the summer for late planting or greenhouse forcing.

LILIUM AURATUM

The well known Golden-banded Lily. 1. White with gold bands, spotted maroon.

Bulbs, 11-13 in. circum., 25 for \$17.00, 100 \$ 65.00

Bulbs, 13-15 in. circum., 25 for \$30.00, 100 \$110.00

Not less than 25 sold.

**LILIUM AURATUM
PLATYPHYLLUM**

(THE GOLDEN-BANDED LILY OF JAPAN)

Bulbs, 9-11 in. circum., 25 for \$17.00, 100 \$65.00

Bulbs, 11-13 in. circum., 25 for \$22.00, 100 \$80.00

LILIUM FORMOSUM

(THE ERABU, BLACK-STEMMED VARIETY)

We consider this variety most suitable for forcing into bloom in the early Fall, as these bulbs keep in excellent condition until about July 1st.

Bulbs, 10-12 in. circum., 25 for \$14.00, 100 \$50.00

Bulbs, 11-13 in. circum., 25 for \$22.00, 100 \$85.00

Not less than 25 sold. 50 at 100 rate.

LILIUM HENRYI**THE ORANGE SPECIOSUM**

Excellent results have been obtained by forcing this beautiful Lily into bloom in the late Fall when all Lilies have gone from the garden.

Bulbs, 9-11 in. circum., 25 for \$22.50, 100 \$80.00

Not less than 25 sold. 50 at 100 rate.



Liliium Sinensis

LILIUM REGALE

After trials with this popular Lily we are convinced that it has the merits that no other Lily has for rapid forcing. The bulbs may be taken from cold storage, placed in a temperature of 60 and brought into flower in 60 days. The fragrant, white blooms show a tint of pink on the outside of the petals and a sulphur shading inside.

Bulbs, 5-6 in. circum., 25 for \$12.00, 100 \$45.00

Bulbs, 6-7 in. circum., 25 for \$20.00, 100 \$70.00

Bulbs, 7-9 in. circum., 25 for \$25.00, 100 \$90.00

Not less than 25 sold. 50 at the 100 rate.

LILIUM SINENSIS PLURATUM

A new variety resembling Formosum in the individual flowers which are produced in profusion, from 3 to 4 spikes coming from one bulb. An excellent Lily for cold storage purposes.

Bulbs, 9-11 in. circum., 25 for \$17.00, 100 \$65.00

Bulbs, 11-13 in. circum., 25 for \$22.00, 100 \$85.00

LILIUM SPECIOSUM**RUBRUM MAGNIFICUM or MELPOMENE**

The favorite Lily for forcing into bloom for Christmas and during the Winter months.

Bulbs, 11-13 in. circum., 25 for \$18.00, 100 \$70.00

Bulbs, 13-15 in. circum., 25 for \$27.50, 100 \$100.00

Not less than 25 sold. 50 at the 100 rate.

LILY-OF-THE-VALLEY PIPS**FROM COLD STORAGE**

We have in storage a large quantity of Dresden Pips for forcing at any season of the year.

Lily-of-the-valley can be forced in about four weeks from cold storage pips. We cannot supply less than 250 pips.

Marshall's Matchless Pips. Case of 250 for \$17.50.



Liliium Regale



HARDY LILIES

Among the stateliest of all hardy plants, Lilies during their respective flowering seasons, constitute the chief attraction in the hardy border. They prefer a well-drained soil, and should remain undisturbed for years. In the Autumn give the bulbs a heavy mulching of leaves; coarse manure or straw will prove highly beneficial. Plant all Lilies as early as possible in the Spring.

	Size Each	Doz.	100
Amabile. Grenadin red; spotted black.....	3-4	\$0.60	\$6.00 \$45.00
Auratum. (Goldband Lily). White with gold bands, spotted maroon.....	9-11	.55	5.50 40.00
“ medium bulbs.....	11-13	.80	8.00 60.00
“ large bulbs.....	13-15	1.50	15.00
“ Pictum. Crimson spots and petal tips.....	8-9	1.00	10.00 75.00
“ Platyphyllum. Flowers white, richly spotted yellow.....	9-11	.75	7.50 60.00
“ “ Large Bulbs.	11-13	1.00	10.00 75.00
“ “ Rubro Vittatum. A splended variety with red bands.....	8-9	3.00	30.00
“ “ Wild Stock. Very vigorous bulbs. Extra quality.....	8-9	.60	6.00 45.00
“ wittel. No spots, yellow bands.....	8-9	1.00	10.00 75.00
“ “Crimson Queen.” A rare and beautiful hybrid. Choice.....	9-11	7.50	.....
Bakerianum. Greenish yellow flowers fading to creamy white; red spots.....	7-9	3.00	30.00
Batemanniae. Many apricot colored flowers on a stem.....	6-8	.40	4.00 30.00
Brownii. Creamy white inside; rich purple outside.....	7-9	1.00	10.00 75.00
Bulbiferum. Yellow orange; tips of petals flame red.....	4-6	.60	6.00 45.00
Callosum. Orange red self. A rare and beautiful lily.....	Small	.50	5.00 35.00
Cernuum. A deep lilac-pink, spotted wine color. Very fragrant.....	Small	.75	7.50 55.00
Chalcedonium. The scarlet Turks-cap.....	7-9	2.50	25.00 200.00
Concolor. Star-shaped flowers of deep crimson, with dark spots.....	Small	.50	5.00 38.00
“ New Improved Type. A great improvement on the above.....	Small	1.00	10.00 75.00
Cordifolium. Resembles L. Giganteum Himalaicum, only smaller in size.....	3-5	.70	7.00 50.00
Coridion. The color is deep yellow, with dark spots.....	Small	.50	5.00 38.00
Croceum (The Orange Lily). Flowers orange color.....	6-8	.45	4.50 35.00
Davuricum. Upright, scarlet flowers, dotted black.....	4-5	.30	3.00 20.00
Davidi. A Chinese Lily with cinnabar-red flowers.....	Small	.75	7.50 58.00
Elegans, Alice Wilson. Lemon-yellow, darker in center.....	3-5	.50	5.00 40.00
“ atrosanguineum. Velvety crimson.....	3-5	.40	4.00 30.00
“ bicolor. A choice variety marbled flowers in rich tones of apricots, orange and red.....	3-5	.35	3.50 25.00
Leonard Joerg. Apricot, with dark spots.....	3-5	.30	3.00 22.00
Mahony. A new variety. Intense rich maroon, suffused mahogany.....	3-5	1.00	10.00 75.00
Mamoratum. Gorgeous chrome orange. Superb.....	3-5	.35	3.50 25.00
Prince of Orange. Luminous, intense orange.....	3-5	.30	3.00 22.00
Peter Barr.	3-5	.60	6.00 45.00
Mixed. A splendid mixture of fine colors.....	3-5	.25	2.50 16.00
Farreri. A new lily, rare and choice. White with purple dots.....	Small	5.00	50.00
Giganteum himalaicum. The tallest of all the Lilies. Long, tubular flowers of pure white tinged with purple inside.....	8-10	3.50	30.00
“ Monster Bulbs.	11-13	5.00	50.00
Hansoni. Flowers yellowish orange.....	8-10	.75	7.50 58.00
Henryi. The yellow speciosum. Bright orange yellow.....	8-9	.75	7.50 58.00
“ “.....	9-11	1.00	10.00 75.00
Japonicum Alexandrae. A charming lily with large white flowers.....	5-7	.75	7.50 55.00
“ Krameri. Soft pink flowers; fragrant.....	5-6	.75	7.50 55.00
Longiflorum multiflorum. Pure white trumpet-shape.....	8-10	.50	5.00 38.00
“ “ Large Bulbs.	10-12	.60	6.00 45.00
“ “ albo marginatis. Like the type. Foliage margined white.....	8-10	1.00	10.00 75.00
Maximowiczii. Vivid orange-red with dark spots.....	6-8	.75	7.50 55.00
Medeoloides. An interesting Lily. The color is scarlet with apricot shadings; sometimes come spotted black.....	Small	.50	5.00 35.00
Nielgherrense. Fragrant trumpets of creamy white flushed yellow.....	5-6	2.00	20.00
Ochraceum. A striking lily of greenish gold with center of vinous purple.....	5-7	3.00	30.00
Pardalinum. Bright orange, spotted with dark crimson.....	6-7	.35	3.50 25.00
Pomponium. (True). A magnificent lily with intense scarlet red blooms.....	2-3	2.00	20.00
Regale (Myriophyllum). White shading to brown and pink; yellow throat.....	5-6	.40	4.00 30.00
“ “ Medium Bulbs.	6-7	.70	7.00 50.00
“ “ Large Bulbs.	7-9	1.00	10.00 75.00
Rubellum. Rose-pink, with yellow anthers.....	3-4	.75	7.50 55.00
Sargentiae. Milk white flowers with yellow throat.....	3-5	1.25	13.00 100.00
Sinensis Pluratum. White trumpets; delightfully fragrant.....	9-11	.75	8.00 60.00
“ “.....	11-13	1.00	10.00 80.00
Speciosum album. Beautiful, pure white flowers of large size.....	8-9	.60	6.00 45.00
“ “ Large Bulbs.	9-10	.90	9.00 70.00
“ “ rubrum magnificum. White, shaded rose and spotted crimson.....	9-11	.55	5.50 45.00
“ “ Medium Bulbs.	11-13	.75	7.50 55.00
“ “ Large Bulbs.	13-15	1.20	12.00 90.00
Melpomene. Darker than magnificum.....	9-11	.60	6.00 50.00
“ Medium Bulbs.	11-13	.85	8.50 65.00
“ Large Bulbs.	13-15	1.40	14.00 95.00
Sulphureum. Large flowers of pale yellow; outside streaked claret red.....	7-9	2.00	20.00
Superbum. Flowers bright orange-red, thickly spotted with purple.....	5-7	.25	2.50 18.00
Tigrinum flore pleno (Double Tiger Lily).....	5-7	.35	3.50 25.00
Tigrinum splendens (Single Tiger Lily).....	7-9	.30	3.00 20.00
Umbellatum grandiflorum. Orange-red.....	7-9	.35	3.50 25.00
Mixed. Yellow orange and crimson shades.....	9-11	.35	3.50 25.00

NEW GREENHOUSE PLANTS

NEW ANTIRRHINUMS

Chapman's Pink. Bright premier pink and uniform color. An early and free bloomer.
Cheviot Maid. Without doubt the earliest and best pink Winter flowering variety.

Plants from 2 1/4 in pots. Doz. \$3.00, 100 \$20.00.

BOUVARDIA

NEW GIANT PINK

The flowers are as large as the white Humboldt. Color coral red. A beautiful variety for the greenhouse.

Plants from 2 1/4 in pots. Doz. \$5.00, 25 for \$8.00, 100 \$24.00.

CALENDULA

NEW CAMPFIRE OR SENSATION

A sensational color, petals brilliant orange with scarlet sheen, full yellow center.

Plants from 2 1/4 in pots. Doz. \$2.50, 100 \$12.00.

PRIMULA

OBCONICA GRANDIFLORA COMPACTA

Color dark brilliant rose, fine, compact habit and large flowering type. This is the best of the recent obconicas introduced from Germany.

Plants from 2 1/4 in pots. Doz. \$3.00, 100 \$16.06.

BEDDING PLANTS

	Doz.	100
AGERATUM fraseri. Bright blue, 3-in.	\$2.00	\$15.00
Dwarf Blue. 3 in.	2.00	12.00
ASTERS. Double assorted, 2 in.	1.00	6.00
BEGONIA Chatelaine, red 2 1/4-in. pots.	2.00	15.00
Chatelaine Supreme. Pink, 2 1/4-in. pots.	2.00	15.00
Gustave Knaake. Crimson	3.00	20.00
Vernon, 3 in.	2.00	15.00
Luminosa, 3 in.	2.00	15.00
CANNAS. From 3-in. pots.		
King Humbert. Red, bronze leaf	2.50	20.00
Hungaria. The best pink	2.50	20.00
The President. Green leaf, red	2.50	20.00
Yellow King Humbert. Green leaf	2.50	20.00
Mixed French Varieties	2.50	20.00
CENTAUREA gymnocarpa	2.00	12.00
COBAEA scandens. Blue	1.50	10.00
COLEUS. In variety, 2 1/4-in.	1.50	10.00

No order for less than 1 doz. of a variety accepted

ANTIRRHINUM. Snapdragon

One of the most widely grown plants for greenhouse flowering and outside bedding.

Geneva Pink. A glistening rose-pink.
Giant Red. A fine red variety.
Golden Pink Queen. A superb variety.
Helen. A beautiful light pink.
Jennie Schneider. A beautiful rose-pink Winter flowering with spikes two feet long.
Judd's New Early Dark Pink. A beautiful rose-pink, similar to the Premier Rose.
Judd's New Early Light Pink. A magnificent pink similar to the Columbia Rose.

GERMAN HYDRANGEAS

This new type of forcing Hydrangeas is far superior to the French varieties. They are much easier to grow. The flowers are much larger and the coloring is much more brilliant.

NEW LARGE FLOWERING

America. Almost red, with slight white margin.
Freya. Glossy carmine, compact grower.
Odin. Deep carmine. Very early flowering.
Peer Gynt. Carmine rose, vigorous grower.
 Prices of above, Summer delivery, 2 1/4-in. pots, \$10.00 per doz., \$70.00 per 100.
 Fall delivery, 4-in pots, \$1.50 each, \$15.00 per doz.

NEW CARNATIONS

Dandy. A new rose-pink sport of Morning Glow. A wonderful producer of fine quality flowers.

Rooted Cuttings. Doz. \$3.00, 100 \$20.00.

Woburn. A new large flowering crimson. Very fine grower, good keeper and great producer.

Rooted Cuttings. Doz. \$4.00, 100 \$30.00.

Pink Abundance. A fine shade of medium pink; very fine keeper, does not split.

Rooted Cuttings. Doz. \$4.00, 100 \$30.00.

SENATOR. Pure white. A clean upright grower, long stiff stems, never splits and very fragrant.

Rooted Cuttings. Doz. \$4.00, 100 \$30.00.

For other Carnations, see page 65.

NEW GREENHOUSE ROSES

Golden Pernet. A greatly improved Pernet better color, perfect formation and less thorns.

Lady Margaret Stuart. A much brighter color than Talisman. A long perfectly formed flower and fine glossy foliage.

Talisman. The outstanding Rose novelty. Color a combination of gold, apricot, yellow and deep pink or old rose. A strong easy grower, free bloomer and nearly disease proof.

Grafter stock of any of the above varieties.

2 1/4 in pots. Doz. \$10.00, 100 \$75.00.

For other Roses see pages 74, 75 and 76.

	Doz	100
FORGET-ME-NOT. Blue, 3-in.	\$1.50	\$10.00
FUCHSIAS. Named varieties, 3-in.	2.00	95.00
GERANIUM. Named varieties, 4-in.	5.00	35.00
Ivy-leaved Sorts. 4-in.	6.00	40.00
HELIOTROPE. Standard varieties, 3 in.	3.00	20.00
IVY, English. 4-in pots.	5.00	35.00
LANTANAS. Named varieties, 2 1/4-in.	2.00	15.00
LOBELIAS, Blue Dwarf.	1.50	10.00
LEMON VERBENA. 3-in.	4.00	30.00
MOONFLOWER. White flowers.	2.00	15.00
PETUNIA. Double varieties, 2-in.	1.50	10.00
Single varieties, 2-in.	1.00	10.00
SALVIA Bonfire. Scarlet, 2 1/4-in.	1.25	9.00
Zurich. Dwarf.	1.25	9.00
VERBENAS. Finest mixed, 2 in.	1.25	8.00
VINCAS rosea and alba.	2.50	15.00
VIOLA Jersey Gem. Pure violet flowers.	4 00	30 00

Penn-Orange. A striking vivid orange, with subdued yellow and pink shadings, which add to its attractiveness.

Orlando. A beautiful bronze.

Philadelphia Pink. The best pink.

White Rock. Best forcing white.

Yellow Giant. Very large flowering; yellow.

Plants of any of the above in season, 2 1/4-in. pots: Doz. \$1.75, 100 \$12.00.

Not less than 1 doz. of a variety sold. For New Antirrhinums, see above.

STANDARD GERMAN VARIETIES

Elmar. A beautiful carmine red.
Gudrun. A compact growing light pink.
Helge. An exceptionally fine bright dark red.
Lancelot. Prettily fringed deep bright pink.
Loreley. Brilliant carmine red.
Wilhelm Pfitzer. Free flowering light pink.
 Prices of above, 2 1/4-in. pots, doz. (2 of each 6 vars.) \$6.00, 25 for \$12.00



CARNATIONS

Recent Introductions and Choice Varieties

	Doz.	100
Donner's Early Rose. An even, clear light rose-pink.....	\$3.50	\$20.00
Boston Ward. A fine dark pink of improved Ward type.....	2.50	16.00
Eldora. The best variegated variety on the market.....	2.50	16.00
Johnson's Crimson. A very fine free flowering crimson.....	2.50	16.00
Laddie. A warm rose-salmon pink, very large flowers.....	3.00	20.00
Maine Sunshine. The best clear yellow.....	3.00	20.00
Harvester. Snow-white. Free flowering and good stems.....	2.00	12.00
Matchless. A very fine white. A good reliable variety.....	2.00	12.00
Radiolite. A brilliant scarlet, the winner of the Donner Memorial Medal.....	2.50	16.00
Sceptre. The best Carnation sent out in recent years. A seedling of Pink Delight; flowers as large as Surprise; color salmon-pink and wonderful keeper and good grower.....	3.00	20.00
Sophelia. A pleasing shade of pink similar to Betty Lou. Long, stiff stems with full center, also keeps well. A great improvement over Matchless.....	3.00	20.00
Spectrum. A magnificent scarlet, large, vigorous and free flowering.....	2.00	12.00

The above prices are for rooted cuttings; Spring delivery; not less than 1 doz. supplied of any variety,

For the best new Carnations, see page 64.

GREENHOUSE PLANTS

	2 1/4-in. pots Doz.	100	3-in. pots Doz.	100
ADIANTUM gloriosum. The hardest Maidenhair.....			\$7.50	
ASPARAGUS plumosus nanus. Graceful, climbing Asparagus; beautiful, feathery foliage.....	\$2.00	\$12.00	3.50	\$25.00
sprengeri. Fine for baskets.....	2.00	12.00	3.50	25.00
BEGONIA Glory of Cincinnati. A beautiful shade of pink.....	7.00	50.00	10.00	75.00
Gustav Knaake. Resembles Lorraine. Color crimson; wonderful for Christmas.....	3.00	20.00		
Melior. A more vigorous type of Lorraine.....	7.00	50.00	10.00	75.00
Mrs. J. A. Peterson. Deep pink flowers with red foliage.....	7.00	50.00	10.00	75.00
Peerless. Red, bronze foliage.....	8.00	60.00	11.00	85.00
Rex Varieties. An assortment of types.....	5.00	25.00		
Winter Flowering. Hybrid type vars..... Each \$2.50, doz. \$25.00.....				
BOUGAINVILLEA sanderiana. A free flowering Easter plant.....	3.00	20.00	4.50	30.00
BOUVARDIA. Single pink or white.....	3.00	20.00		
BUDDLEIA asiatica. White.....	4.00	30.00		
Farquhari. Pale pink.....	5.00	35.00		
CALCEOLARIA, Mixed hybrida grandiflora.	4.50	25.00		
lymani. Cinnamon red.....	8.00	50.00		
medfordi. Velvety maroon.....	8.00	50.00		
stewarti. A bright yellow variety.....	8.00	50.00		
CALENDULA, Selected, Double Orange King or Ball's. 25 for \$3.00.....		10.00		
CHRYSANTHEMUMS. Standard varieties to name.....	2.25	15.00		
Standard Exhibition Varieties	4.00	25.00		
CINERARIA, Marshall's Half Dwarf Hybrids.	2.25	15.00		
CYCLAMEN giganteum, Mixed.	3.00	20.00	7.00	50.00
ERICA. Christmas Pink. A long blooming bright pink Heather.....			10.00	75.00
EUPHORBIA jacquiniæflora. A Christmas plant.....	5.00	30.00		
FUCHSIA. Giant Pink. Large pink and white flowers. A wonderful pot plant.....	3.00	20.00		
GARDENIA veitchi (Cape Jasmine).....	5.00	35.00	10.00	70.00
MARGUERITE, Mrs. F. Sander. Double white..... 25 for \$4.00.....		14.00		
Boston Yellow Daisy. 25 for \$4.00.....		14.00		
Mother's Favorite. Double white..... 25 for \$4.00.....		15.00		
MYOSOTIS, Matchless. A true Winter flowering variety.....	5.00	30.00		
POINSETTIA, Oak Leaf. An improved variety which does not drop its lower leaves.....	4.00	30.00		
PRIMULA oboeonica grandiflora. Mueller's & Mohnstien strain.....	2.25	14.00	5.00	25.00
oboeonica grandiflora compacta. Dark brilliant rose.....	3.00	16.00	4.00	25.00
malacoides, American Legion. Large clear pink, yellow center.....	2.50	16.00		
malacoides. Delicate lilac. Free flowering.....	2.25	12.00	5.00	25.00
—King Albert. Pink.....	2.25	12.00		
—Ielandi. A beautiful lilac-pink with large yellow eye. Long, stiff stems for cutting.....	5.00	25.00		
—Princess Mary. Bright pink.....	2.25	12.00		
—Radio. Giant flowering, fringed, clear rose.....	2.25	15.00		
—townsendi.	2.25	15.00		
sinensis fimbriata. Mixed colors.....	2.50	14.00	4.00	25.00
SMILAX. A popular greenhouse climber.....	2.50	12.00		
SOLANUM, Cleveland Red. An improved Jerusalem Cherry.....	2.50	14.00	3.00	20.00
Cleveland Yellow. Yellow fruits.....	2.50	14.00	3.00	20.00
STEVIA serrata. Dwarf or tall.....	2.50	15.00	2.50	16.00
Double White.	2.50	15.00	2.50	16.00
TABLE FERNS. In variety. For fern dishes and ferneries.....	2.50	15.00		

Orders for any of the above plants will be shipped in their season of delivery. Prices subject to change.

VIOLETS

	Doz.	100
Marie Louise. Best double. Field grown roots of Violets (Fall delivery).....	\$4.00	\$30.00
Mrs. David Lloyd George. A new single, large fragrant flowers. Fall delivery.....	4.50	45.00
Princess of Wales. Best single. Field grown roots of Violets (Fall delivery).....	4.00	30.00
Swanley White. Double white. Fall delivery.....	3.50	25.00

Not less than 1 doz. of a variety supplied. We do not pay transportation charges on plants.



Hardy Perennial Plants

For Permanent Planting in Open Borders

Herbaceous plants should be used where a constant supply of flowers is desired, for, out of the large lists of herbaceous or perennial plants, such varieties may be selected as begin to flower very early, others that are almost continuous bloomers and some that continue to bloom even after frost sets in.

The approximate height of the Hardy Perennials in this catalog is represented in feet and inches and the flowering periods are taken in the vicinity of New York.

ACHILLEA *Millefolium roseum*. Pink flowers in compact heads. 2 ft. June-Sept.

filipendulina. Fern-leaved Yarrow; Milfoil. A showy variety with dense heads of yellow flowers. 3 ft. June, July.

Parmica *Boule de Neige*. Ball of Snow. An improvement on The Pearl with fuller and more perfect flowers.

Parmica, *The Pearl*. Double pure white flowers in great profusion. 2 ft. June-Sept.

ACONITUM autumnale (Monkshood). Showy blue, helmet-shaped flowers. 3 to 4 ft. Aug., Sept.

Fischeri. Strong spikes of large, dark blue flowers. 2 to 3 ft. Sept., Oct.

Wilsonii. A tall variety from China, with violet-blue flowers. 5 to 6 ft. Sept.

All Aconitums, 50c., each, \$4.50 for 10.

AGROSTEMMA. See **LYCHNIS**.

ALYSSUM saxatile compactum (Rock Madwort, Golden Tuft). Compact masses of yellow flowers in early Spring. 1 ft. April, May.

AMSONIA *Tabernaemontana*. A strong, shrub-like plant, with spikes of delicate blue flowers. 2 ft. May, June.

ANCHUSA italica, *Dropmore*. Large, gentian-blue flowers. 4 to 5 ft. May-July.

—**myosotidiflora**. Bright blue Forget-me-not flowers. 10 to 12 in. May. 50c., 10 for \$4.50.

ANEMONE (Windflower). Japanese Anemones are among the best Autumn flowering plants. 2 to 3 ft. Sept., Oct.

japonica alba. Single, pure white.

—**elegantissima**. Semi-double, satin-pink.

—**Montrose**. Semi-double pink.

—**rubra**. Single, reddish rose.

—**Whirlwind**. Semi-double, white.

pulsatilla. The Pasque Flower of Europe. Flowers single, blue or reddish-purple, about 2 in. across. Height 1 ft. April to May. 3 for \$1.00, 10 for \$3.00.

ANTHEMIS montana (Marguerite). One of the most satisfactory perennials; flowers creamy white. 2 ft. June-Oct.

tinctoria *Kelwayi* (Golden Marguerite). Rich yellow; fine for cutting. 2 ft. June-Oct.

AQUILEGIA coerulea (Rocky Mountain Columbine).

Large, blue and white, long-spurred flowers. 1½ ft. **chrysantha** (Golden-Spurred Columbine). Flowers fragrant, yellow. 2 to 3 in. across.

Canadensis (American Columbine). A compact plant with red-and-yellow flowers.

Mrs. Scott Elliott Hybrids. There is not a better mixture grown in the world than by Mrs. Scott Elliott who has taken the highest awards at all the European exhibitions. Our stock is from seed, from this source, absolutely true strain.

Nivea grandiflora. A splendid robust growing large pure white.

ARABIS alpina (Rock Cress). Adapted for rock gardens; pure white. 5 in. April, May.

flore pleno. An improved double form of the above with pure white flowers which last over a long period. Fine as edging or for Rock Garden. 6 in. April-May, 3 for \$1.00, 10 for \$3.00.

ARTEMISIA Abrotanum (Southernwood, Old Man). Usually grown for its handsome, pleasant-scented leaves. 2 to 3 ft.

lactiflora. Large, branching panicles of sweetly scented, creamy white flowers. 3 to 4 ft. Aug., Sept.

Stelleriana (Old Woman). Foliage deeply cut; silvery white; a fine plant for rockeries. 1½ ft.

ASCLEPIAS tuberosa (Butterfly Weed). Orange-scarlet. 2 ft. July, Aug.

ASPERULA odorata (Sweet Woodruff, Waldmeister). A sweet-scented herb; white. 6 to 8 in. May, June.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.



HARDY PERENNIAL PLANTS—Continued



Hardy Aster or Michaelmas Daisy.

ASTER (Michaelmas Daisy).

Climax. Large, soft mauve flowers with golden center, 5 to 6 ft. Sept., Oct.

Beauty of Colwall. Clear, lavender-blue, semi-double flowers. 4 ft. Sept., Oct.

Blue Gem. Semi-double, dark blue flowers. 4 to 5 ft. Sept., Oct.

Lil. Fardel. Rich, clear pink. 4 to 5 ft. Aug., Sept.

Maggie Perry. Large flowers of soft, rosy mauve. 4 ft. Sept., Oct.

Perrys White. Pure white free flowering. 5 ft.

St. Egwin. Pink, compact habit. 3 ft. Sept.

Tataricus. Tall straight growth, large violet flowers. 6 ft. Oct.

Mauve Cushion. A cushion-like plant with hosts of delicate mauve flowers from Oct. to Nov. 9 in. Each, 35c., 3 for \$1.00, 10 for \$3.00.

ASTILBE. Arendsii Hybrids. (New) July.

Gloria. A superb introduction with dense, feathery, dark pink plumes. A compact grower 2 ft. 50c. each.

Salland. Immense feathery sprays of rich red flowers 6 ft. 75c. each

Vesta. A pretty plant with graceful blooms of lilac-rose. 3 ft. 50c. each

AUBRIETIA deltoidea. Fine for rockeries; dark violet. 6 in. April and May.

BAPTISIA australis (False Indigo). Lupine-like flowers, dark blue. 3 to 4 ft. May-July.

BOCCONIA cordata (Plume Poppy). Creamy white flowers. 6 to 8 ft. July, Aug.

BOLTONIA asterioides. Has pure white, Aster-like flowers. 5 to 6 ft. Aug., Sept.

latisquama. Similar to the preceding, with pinkish lavender flowers. 5 to 6 ft. Aug., Sept.

—**nana.** A dwarf form. 3 ft. Aug., Sept.

CALLIRHOE involucrata (Poppy Mallow). An elegant trailing plant, with large, saucer-shaped flowers of deep rosy crimson, with white center. 1 ft. June-Sept.

CAMPANULA (Bellflower). These are among the most important of hardy plants.

carpatica (Harebell). Flowers large, erect, light blue. 5 to 7 in. July, Aug.

—**alba.** A white form of the above.

glomerata. Globular, dark blue flowers. 1½ ft. June, July.

medium (Canterbury Bells). In blue, rose or white. 2 ft. June.

—**calycanthema** (Cup-and-saucer. Canterbury Bells). In blue, lilac, rose and white.

persicifolia (Peach-leaved Bellflower). Large, cup-shaped blue flowers. 2 ft. June, July.

—**alba grandiflora.** White.

—**Telham Beauty.** Large, single blue flowers. A great improvement on the old *Persicifolia* type. Fine for cutting. 2½ ft. June-July. 3 for \$1.50, 10 for \$4.50.

pyramidalis (Steeple Bellflower). Long spikes of blue flowers. 4 to 5 ft. Aug., Sept.

—**alba.** A white form of the above.

CARYOPTERIS incana, Mastacanthus (Blue Spiraea). Lavender-colored flowers. 3 to 4 ft. Sept., Oct.

CASSIA marilandica. Bright yellow, odd-shaped flowers. 5 to 6 ft. July-Sept.

CATANANCHE coerulea bicolor. (Cupid's Dart). White flowers with slight suffusion of purple in center. 2 ft. June-Aug.

CENTAUREA dealbata. Compact habit; deep pink flowers. 1½ ft. July, Aug.

macrocephala. The most showy *Centaurea*, with large, thistle-like yellow flowers. 3 ft. July, Aug.

montana (Perennial Cornflower). Large blue flowers. 2 ft. June-Sept.

—**alba.** A fine white form of the above.



Campanula, Telham Beauty

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued



Single Chrysanthemums.

CHRYSANTEMUMS, Hardy. These make a grand show late in the Fall; all colors. 2 to 3 ft. Sept.-Oct.

Prices of the following: Doz. \$2.50, 100, \$16.00; not less than 3 of one variety sold.

LARGE FLOWERING, or ASTER VARIETIES

Angelo. A beautiful light pink.
Florence Stanton. Large bronze flower; late.
Marie du Pont. Free flowering, pure white.
Queen of Whites. Pure white, very full.
Yellow Source d'Or. The best yellow.
Zelia. Old gold, large flower; bushy plant.

POMPON VARIETIES

Anna L. Moran. Bronze with yellow.
Fairy Queen. Large light pink, full center.
Firelight. Bright red. Pretty flower.
Frances Huckvale. Flesh with bronze center.
Juliana. Fine yellow, good grower.
Mrs. Chester Robinson. Pink shading to old rose.
Nellie. Golden yellow, very full.
Nellie Blake. A good deep red.
Petit Louis. Light pink, bronze center.
Uvalda. Large white, strong grower.

BUTTON VARIETIES

Davenport. Bronze tinged with red.
Helios. Reddish-bronze.
Ouray. Rich dark mahogany-brown.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

CHRYSANTEMUMS—Continued**SINGLE FLOWERING VARIETIES**

Alice Howell. Orange-yellow.
Mrs. Roberts. Deep rose-pink.
Summer Gold. Large golden yellow.
arcticum (Arctic Daisy). Multitudes of white slightly tinged flowers, 2 in. wide. 12 to 18 in. Sept.-Nov.
maximum, Shasta Daisy. Large white flowers; blooms profusely all Summer.
CEPHALARIA alpina (Roundheads). Very tall. Flower heads pale primrose-yellow. 5 ft. June, July.
CERASTIUM tomentosum (Snow-in-Summer). Bright, silvery foliage, with white flowers. 6 in. May, June.
CIMICIFUGA racemosa. Tall, hardy and ornamental; white racemes of flowers. 4 to 5 ft. June, July.
—simplex. Tall, graceful spikes of white flowers, lasting a long time when cut. 2 to 3 ft. Sept., Oct. 75c. each, \$7.00 for 10.
CONVALLARIA majalis (Lily of the Valley). May, June. Field grown clumps. 40c. each, \$3.50 for 10.
COREOPSIS lanceolata. Golden yellow; the flowers are borne on long, graceful stems, making them invaluable for cutting. 2 ft. June-Oct.

DELPHINIUM (Larkspur). June till late Fall.

Belladonna. Large, semi-double flowers, sky-blue, tipped lilac; dwarf growing.

English Hybrids. From the palest to the deepest blues; single and double.

—grandiflorum chinense (Chinense). Low-growing, with gentian-blue flowers.

——alba. A pure white form of the preceding.

Wrexham Hybrids. Magnificent spikes of exquisite flowers compactly arranged along the stems. The choicest of all delphiniums. Each, \$1.00; 10 for \$9.00; 100 for \$75.00.

DIANTHUS (Hybrid Garden Pinks).

Abbotsford. Deep crimson marked with white.

Carmen. Light Pink, fragrant.

Homer. Rosy red, dark center.

Mrs. Sinkins. Large white fringed fragrant flowers.

Barbatus (Sweet William). One of the oldest garden flowers which perpetuates itself by self sowing.

—Single Mixed.

—Newport Pink. Lovely salmon Pink.

—Scarlet Beauty. Deep rich scarlet.

Deltoides (Maiden Pink). A dwarf variety with creeping habit, with sprays of pink flowers. Fine for rock garden.

Plumarius (Grass Pink). Single fringed flowers in mixed colors. 1 ft.

DICENTRA formosa. Rose color, with finely divided foliage. 1 ft. May-Aug.

spectabilis (Bleeding Heart). Long, drooping racemes of rose-crimson; useful for forcing. 1½ ft. April-June. 75c. each.

DICTAMNUS fraxinella (Gas Plant). This is also called Burning Bush. 2 to 3 ft. June, July. 50c. each.

montana (Perennial Cornflower). Large blue flowers. 2 ft. June-Sept.

—alba. A fine white form of the above.

HARDY PERENNIAL PLANTS—Continued

*Eryngium amethystinum.*

DIGITALIS (Foxglove). These old garden favorites produce bold masses of leaves and flowers.

lanata. Long, dense spikes of grayish or creamy yellow flowers. 2 to 3 ft. June, July.

purpurea gloxiniaeflora (Gloxinia-flowered Foxglove). Flowers spotted rose, purple and white. 2 to 3 ft. June, July.

—**Shirley Hybrids**. A giant variety of the Gloxinia-flowered type. Flower spikes 4 ft. long of purest white to deepest rose colors, handsomely spotted. 5 to 7 ft. June and July. 3 for \$1.00, 10 for \$3.00

ECHINACEA purpurea (Purple Coneflower). Reddish purple flowers, 4 in. in diameter. 3 to 4 ft. July, Aug.

ECHINOPS (Globe Thistle). A showy plant, with globular heads of blue flowers.

Ritro. Metallic blue flowers; thistle-like foliage. 3 to 4 ft. July, Aug.

EREMURUS himalaicus. Creamy white flowers borne in immense graceful spikes. 6 to 8 ft. May, June. Strong plants, \$4.00 each.

robustus. A very fine, strong growing variety, with rosy pink flowers. 6 to 10 ft. May, June. Strong plants, \$5.00 each.

ERIGERON speciosus (Fleabane). Large, handsome, blue flowers with yellow center resembling a Michaelmas Daisy. 1½ ft. July-Aug.

ERYNGIUM alpinum (Sea Holly). Flowers 3 in. across, of a steel blue. 2 ft. July, Aug.

amethystinum. Beautiful thistle-like heads of glistening amethyst-blue. 2 to 3 ft. July-Sept.

EUPATORIUM coelestinum (Mist Flower). A good hardy plant, with light blue flowers, similar to *Ageratum*. 2 ft. Aug.-Oct.

purpureum (Joe Pye Weed). Purple; fine for wild garden. 6 to 7 ft. July-Sept.

urticaefolium (*ageratoides*) (White Snakeroot). White flowers; good for cutting. 4 to 5 ft. Aug., Sept.

EUPHORBIA corollata (Flowering Spurge). Pretty little white flowers. 2 to 3 ft. July, Aug.
epithymoides (*polychroma*). Bears masses of chrome-yellow flowers in early Spring.

FERNS, HARDY. Valuable for planting in shady, moist situations and under trees where blooming plants will not thrive. As a rule they should be grown in a moist, shady and protected place, in a soil composed of rich loam and leafmold.

Adiantum pedatum (Hardy Maidenhair Fern).

Aspidium acrostichoides (Christmas Fern). An evergreen variety with deep green fronds about a foot high.

—**Filix-mass** (Male Fern). A rare evergreen type, growing about 2 ft. high in rich soil.

—**spinulosum**. Another evergreen variety growing 18 to 24 in. high.

Asplenium angustifolium. A charming Fern with light green, graceful fronds 1 to 3 ft. high.

—**Filix-foemina**. A large, handsome Fern with finely cut foliage about 2 to 3 ft. high.

Dicksonia punctilobula. A variety which will grow in sun or shade, growing about 18 in. high. Where masses of Ferns are desired, this variety cannot be surpassed.

Onoclea struthiopteris (Ostrich Fern). A very handsome variety which resembles a palm, growing from 2 to 4 ft. high. A very good Fern for growing as a background for smaller varieties.

Osmunda cinnamomea (Cinnamon Fern).

—**regalis** (Royal Fern).

FUNKIA. Very handsome and will thrive in almost any position. 1½ to 2 ft. July, Aug.

coerulea. Purple flowers; large, green foliage.

lancifolia albo-marginata. Leaves edged with white.

—**undulata variegata**. It has ovate leaves, the margins deep green and center a beautiful creamy white.

plantaginea grandiflora (*F. subcordata grandiflora*). Large, pure white flowers and bold foliage make this a very attractive variety. 50c. each.

GAILLARDIA grandiflora (Blanket Flower). Yellow and orange-red. 1½ ft. May-Nov.

GALEGA officinalis (Goat's Rue). Rosy purple flowers. 3 to 4 ft.

—**alba**. White flowers; fine for cutting. 3 to 4 ft. July.

GENTIANA Andrewsii (Closed, or Bottle Gentian). Flowers of a fine blue. 18 to 24 in. Aug., Sept.

GERANIUM sanguineum. Fire-red; very effective. 1 to 1½ ft. May-July.

GEUM atrosanguineum (Avens). Dark crimson. 1 to 2 ft. May-July.

coccineum, **Mrs. J. Bradshaw**. Double dark red flowers. 2 ft. June-Sept.

Heldreichii. Orange; one of the best; very free flowering; fine foliage. 1½ ft. May-July.

Lady Stratheden. The large double flowers are a rich golden color. Flowers the greater part of Summer and Fall. 2 ft. June-Sept. 3 for \$1.00, 10 for \$3.00.

All plants, except where noted, 3 for 90c.,
10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued



Hibiscus.

GRASSES—

Arrhenatherum bulbosum folia variegata.

Leaves green and white; fine for edging. 6 to 8 in.

Arundo Donax (Great Reed). Grows 15 ft. and forms dense clumps. 35c. each, \$3.00 for 10.

—*variegata.* Foliage creamy white and green. 6 to 8 ft. 35c. each, \$3.00 for 10.

Elymus glaucous (Blue Lyme Grass). Has narrow, glaucous silvery foliage. 3 ft.

Eulalia gracillima univittata. Foliage narrow, bright green, with a silvery midrib. 5 to 6 ft.

—*japonica variegata.* Long, narrow leaves striped green, white, pink and yellow. 4 to 6 ft.

—*japonica zebrina.* Very striking with leaves banded transversely with pale yellow. 5 to 6 ft.

Festuca glauca. A pretty dwarf grass, with tufts of fine, bluish green foliage. 1 ft.

Phalaris arundinacea picta (*arundinacea variegata*). Variegated Ribbon Grass; Gardener's Garters. 2 to 3 ft.

GYPSOPHILA paniculata (Baby's Breath). Masses of minute, pure white flowers. 2 to 3 ft. June, July.

—*Bristol Fairy.* A new, double-flowering Baby's breath. Very early and blooms until Fall. Field-grown, grafted plants. Each, \$1.00, 10 for \$9.00.

—*flore-pleno.* Charming, double flowers borne on branched panicles in great profusion. July-Aug. 50c. each, \$4.50 for 10.

acutifolia (Chalk Plant). Rose-colored flowers. 3 to 4 ft. July, Aug.

HELENIUM autumnale superbum (Sneezeweed). A grand plant, with large, flat, lemon-yellow flowers. 4 to 5 ft. Aug., Sept.

Hoopesii. The earliest flowering of all the Heleniums and the only one with pure orange-colored flowers. 2 to 3 ft. May, June.

HELENIUM—Continued.

—**Riverton Beauty.** Rich lemon-yellow, with large purplish black cone. 5 ft. Aug., Sept.

—**Riverton Gem.** Yellow, changing to red. 5 ft. Aug., Sept.

HELIANTHUS (Hardy Sunflower). The large flowers on long stems are fine for cutting.

Maximilianii. One of the latest blooming of all; clear yellow. 6 to 8 ft. Oct., Nov.

mollis. Thick, velvety foliage of a silvery tinge; flowers lemon-yellow. 5 ft. Aug., Sept.

orgyalis. Graceful stalks, clothed with very long, willowy, drooping foliage; flowers deep lemon-yellow. 8 to 10 ft. Aug.

Wolley Dod. Very free flowering, bright yellow semi-double. 6 to 7 ft. Sept.

HELIOPSIS Pitcheriana. The flowers are deep golden yellow, about 2 in. in diameter. 3 to 4 ft. July-Sept.

HEMEROCALLIS flava (Lemon Lily). Flowers lemon-yellow, sweet-scented. 3 ft. May.

fulva Kwanso. Large, double flowers of a rich bronze orange. 2 to 3 ft. June-Aug.

Middendorffii. Flowers deep orange-yellow. Desirable for cutting. 2 to 3 ft. June, July.

Thunbergii. Flowers lemon-yellow, very fragrant. 3 ft. July, Aug.

HEUCHERA sanguinea. The bright crimson flowers are borne in long, graceful, arching sprays. 1½ ft. May-Sept.

hybrida. Assorted colors. 1½ ft. May, Sept.

HOLLYHOCK althea rosea. 5 to 6 ft. July, Aug.

Single. In crimson, rose, salmon, white or yellow.

Double. In carmine-rose, crimson, yellow, rose-salmon and white colors.

HIBISCUS Hybrids. The flowers range in color from white to intense crimson. 5 to 8 ft. July-Sept. 2-yr., each 35c., 10 for \$3.00; 3-yr., each 50c., 10 for \$4.50; 4-yr., strong clumps, 75c. each, 10 for \$6.50.

HYPERICUM Moserianum (Gold Flower). Beautiful golden yellow flowers, with crimson stamens. 1½ ft. June-Sept.

INULA ensifolia (Fleabane). Yellow; small flowers, 8 in. July-Sept.

glandulosa. Old-gold; pretty. 3 to 4 ft. July, Aug.

IRIS germanica (Garden Iris). See Fall catalogue.

IRIS Kaempferi (Japanese Iris). See Fall catalogue.

LATHYRUS latifolius (Everlasting Pea). Flowers rose-colored, large, on many-flowered stems, similar to the annual Sweet Pea. 3 ft. June-Aug.

—**albus.** A variety of the preceding, with white flowers. Very desirable. 3 ft. June-Aug.

—**White Pearl.** With pure white flowers, which are double the size of the ordinary Lathyrus. 2 to 3 ft. June-Aug. 35c. each, \$3.00 for 10.

LAVANDULA vera (Sweet Lavender). Fragrant blue flowers. 1½ ft. July-Sept.

LIATRIS pycnostachya (Kansas Gay Feather). Flowers purple, in dense spikes. 4 to 5 ft. July, Aug.

spicata (Button Snakeroot). Spikes 6 to 15 in. long; purple. 2 to 3 ft. July-Sept.

LINUM perenne (Flax). A lovely plant, with blue flowers. 1½ ft. May-Aug.

—**album.** A white form of the above.

LOBELIA cardinalis (Cardinal Flower). Flowers intense scarlet. 3 ft. July, Aug.

syphilitica. Fine spikes of blue flowers. 3 ft. Aug., Sept.

LUPINUS polyphyllus (Lupine). Deep blue, pea-shaped. 3 to 4 ft. June, July.

—**albiflorus.** A white form of the above.

—**Moerheimii.** Color soft rose. June, July.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued

LYCHNIS chalcidonica. Flowers bright scarlet, in dense clusters. 2 ft. June, July.

Coronaria (*Agrostemma Coronaria*). Flowers rich crimson, produced in great abundance on long stems. 2 ft. June, July.

viscaria splendens flore-pleno. A fine variety, with double, crimson flowers. 1 ft.

LYTHRUM salicaria roseum, Perry's Variety. A most beautiful shade of cherry red. 2 to 3 ft. July-Sept.

—**Rose Queen.** A remarkably free-blooming variety, with long, graceful spikes of rosy pink flowers. 2 to 3 ft. July-Sept.

—**roseum superbum** (Purple Loosestrife). Tall spikes of rosy purple. 3 to 4 ft.

LYSIMACHIA clethroides (Japanese Loosestrife). A fine hardy variety from Japan, with long spikes of pure white flowers. 2 ft. July-Sept.

Nimmularia (Creeping Jenny). Moneywort. Yellow flowering creepers. June-July.

MALVA moschata (Musk Mallow). Flowers rose; sweet scented. 1 to 2 ft. June-Sept.

—**alba.** A charming plant; flowers white. 1 to 2 ft. June-Sept.

MERTENSIA virginica (Virginian Cowslip). Flowers blue, funnel-formed, in nodding clusters. 1½ ft. May, June.

MONARDA didyma. Compact heads of bright red flowers. 3 ft. June-Aug.

didyma, Cambridge Scarlet. Next to the scarlet lobelia, the most brilliant of our wild flowers.

didyma violacea superba. Deep amaranth-red.

MYOSOTIS palustris semperflorens (Forget-me-not). Color blue; good for shady spots in the rock garden. 10 in. May-Sept.

NEPETA hederacea (Glechoma). Blue; a beautiful evergreen plant of creeping habit; fine for rockwork. 5 in. May, June.

For other varieties see Rock Plant List.

OENOTHERA fruticosa major (Evening Primrose). Bright yellow flowers. 2 ft. June.

missouriensis. Large, yellow flowers. 10 in. June-Aug.

PAPAVER nudicaule. White, yellow, orange. 9 in. May-Aug.

orientale. 2 to 3 ft. May, June.

—**Grossfurst.** Dark red. 3 ft. May, June. 40c.

—**Mrs. Perry.** Pink. 3 ft. May, June. 40c.

—**Perry's White.** White. 3 ft. May, June. 40c.

—**Princess Victoria Louise.** Soft salmon-pink.

PENTSTEMON barbatus Torreyi (Beard Tongue). Tall spikes of brilliant scarlet flowers. 4 ft. June-Aug.

Digitalis. White, tubular flowers with purple throat. 2 ft. July, August.

PEONIES. See special Fall List.

PHLOX. Phloxes are among the very showiest and valuable of all hardy plants. Effective for planting in broad masses in the perennial border or for cutting for indoor decoration, their brilliant coloring places them in the front ranks of desirable flowers. 2 to 3 ft. June-Oct.

Decussata

Baron Von Dedem. Brilliant salmon red, 35c. each, 10 for \$3.00.

B. Compte. Glowing Amaranth red.

Commander-in-Chief. Splendid crimson red with darker eye, 50c. each, 10 for \$4.50.

PHLOX—(Continued)

Deutschland. Rich scarlet or orange red 50c. each, 10 for \$4.50.

Elizabeth Campbell. Immense trusses of bright salmon pink. One of the best.

Jeanne D'Arc. Massive spikes; pure white late flowering.

Jules Sandeau. A large, free flowering salmon pink, 35c. each, 10 for \$3.00.

Le Mahdi. Large heads of deep velvety purple, 50c. each, 10 for \$4.50.

Mrs. Jenkins. Large trusses of pure white. Early.

Mrs. Milly Von Hoboken. Bright pink, with soft mauve suffusion. 50c. each, 10 for \$4.50.

Rheinlander. Immense blossoms of salmon pink with a claret eye. 35c. each, 10 for \$3.00.

Tapis Blanc. A dwarf grower with immense heads of pure white flowers.

Thor. Rich salmon pink with crimson eye.

W. C. Egan. Large flowers; delicate lilac with red eye.

Phlox Suffruticosa. Miss Lingard. An early flowering type with large heads of white flowers with faint lilac eye. June-July. 3 ft.

Phlox, Dwarf Varieties:

amoena. A prostrate type with bright pink flowers in April and May. Good in rock garden. 4 inches.

Divaricata. (Canadensis). Masses of large fragrant lavender flowers in April and May. 10 inches.

subulata. (Moss Pink). A prostrate creeping type with moss like foliage and profusion of pink flowers. 6 inches. April-May.

—**Alba.** The White Moss Pink. Very chaste.

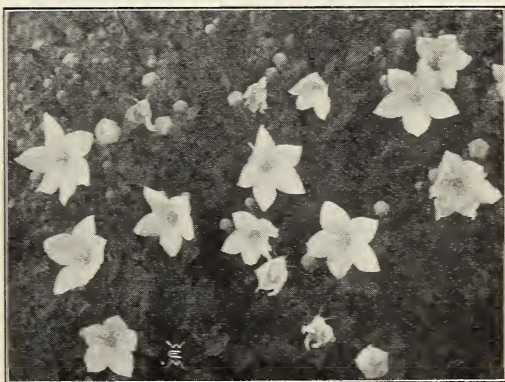
PHYSALIS Franchetti (Chinese Lantern Plant). Enormous orange-colored fruits; useful for Winter decorating. 2 ft. April, May.

PHYSOSTEGIA virginiana (False Dragonhead). Strong spikes of delicate pink flowers. 2 to 3 ft. June, July.

—**alba.** Flowers pure white. 2 to 3 ft. June, July.

PLATYCODON grandiflorum (Balloon Flower). A dense branching plant of upright habit; flowers 3 in. across, blue. 1 to 2 ft. June, July.

—**album.** A white flowered form of the above.



Platycodon

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

HARDY PERENNIAL PLANTS—Continued



Thalictrum dipterocarpum

SEDUM—Continued

Sieboldii. Foliage changing from blue and cream to coral-rose; flowers rose-pink. 9 in. Aug.-Sept.
spectabile (Stonecrop). Large heads of pink flowers. Fine border plant. 1½ ft. Aug.-Sept.

SPIRAEA Filipendula. White. 2 ft. June, July.

Ulmaria fl. pl. Double white. 2 ft. June, July.

STACHYS lanata. Purple spikes of flowers; soft silvery foliage. 1½ ft. June, July.

STATICE latifolia (Sea Lavender). Fine spreading panicles of lavender flowers.

STOKESIA cyanea (Cornflower Aster). Flowers 3 to 4 in. across, of a fine sky-blue. 2 ft. July-Oct.
 —**alba.** A white form of the above.

SWEET WILLIAM. See **Dianthus**.

THALICTRUM aquilegifolium (Meadow Rue). Graceful foliage and masses of pure white flowers. 1 to 3 ft. May-July.

—**adiantifolium.** Leaves resemble those of the maidenhair fern; flowers yellow. 1 ft. June, July.

dipterocarpum. One of the handsomest Thalictrums, with graceful flowers on stems 4 ft. high; rosy purple, citron-yellow anthers. Aug., Sept.

THERMOPSIS caroliniana. A fine plant with clover-like foliage; long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 ft. June, July.

THYMUS citriodorus aureus. Golden variegated foliage. 8 in. June-Aug.

TRADESCANTIA virginiana (Spiderwort). Long, grass-like leaves, violet flowers. 2 ft. May-Aug.
 —**alba.** White flowers. 2 ft. May-Aug.

TRITOMA Rufa. A very dainty yellow flower; a constant bloomer from June until frost; fine for cutting. 2½ ft. June to Nov. 40c. (See Colored plate, page 4b.)

—**grandis** (T. Pfitzeri). The freest flowering of all; orange-scarlet, shading to salmon-rose at the edge. 2 to 3 ft. Aug., Sept.

TROLLIUS europaeus (European Globe Flower). A pretty plant, with large, lemon-colored, buttercup-like flowers, 1 to 1½ in. across, on long stems. Should be planted in moist soil. 2 ft. May, June.

Orange Globe. A profuse bloomer, of robust growth; large orange flowers; very fine. 2 ft. May, June.

All Trollius 50c. each, \$4.50 for 10.

VALERIANA officinalis (Hardy Garden Heliotrope). Fragrant, light pink flowers. 3 to 5 ft. June, July.

VERBASCUM longiflorum pannosum (Mullein). Clear yellow, very ornamental; fine large, silvery foliage. 6 ft. June-Aug.

olympicum. Yellow flowers. Very attractive variety. 8 ft. May, June.

phoeniceum. Purple and pink flowers. 2 ft. June, July.

thapsiforme (densiflorum). Large, yellow flowers. 2 to 5 ft.

VERONICA (Speedwell). All Veronics love moist situations and are excellent for rockwork.

incana. Deep blue flowers with silvery foliage. 1 ft. July, Aug.

longifolia subsessilis (Blue). Attractive; blooms until late Fall. 2 ft. Aug., Sept.

spicata. Spikes of blue flowers. 1½ ft. June, July.

VINCA minor (Periwinkle). Evergreen trailer; fine for covering bare places. April, May.

VIOLA cornuta G. Wermig. This is a true Viola cornuta, with large blue flowers.

VIOLA, Tufted Pansies.

Admiration. Soft purple, dark blotched.

lutea splendens. Golden yellow.

White perfection. White.

Jersey Gem. A valuable bedding Viola that will succeed in any good soil in sunny situation. Plant compact, growth sturdy with good stems, on which are pure violet flowers in great profusion. May to October. 3 for \$1.00, 10 for \$3.00.

YUCCA filamentosa (Adam's Needle). Pyramidal clusters of creamy flowers. 4 to 6 ft. June, July.

POTENTILLA. Hybrids (Cinquefoil). Charming plants for border with brilliant flowers in profusion, from June to Aug. 18 in.

Carnival. Orange red, double.

Fairy Queen. Clear yellow, double.

Panorama. Orange, striped.

Rose Queen. Rich rose pink.

50c. each, \$4.50 for 10.

PRIMULA acaulis (vulgaris) (Common English Primrose). Bright lemon yellow and fragrant. 6 to 9 in. April, May.

PYRETHRUM roseum. Single mixed varieties.

POLYGONATUM multiflorum (Solomon's Seal). Arching sprays of greenish white flowers; useful for cutting. 2 ft. May, June.

POLYGONUM Sieboldii. A strong-growing plant. Produces creamy white flowers; effective for massing. 3 to 5 ft. Aug., Sept.

RUDBECKIA laciniata, Golden Glow (Cone-flower). Masses of double, golden yellow flowers. 6 to 8 ft. Aug., Sept.

maxima. Has immense grayish-green leaves and bright yellow flowers on long stems. 4 to 6 in. across. 6 to 8 ft. June-Sept.

speciosa (Newmannii). Dark orange-yellow flowers; fine for cutting. 2 ft. June-Oct.

subtomentosa. Densely branched masses of brilliant lemon-yellow flowers with dark purple centers. 4 to 5 ft. July-Oct.

SALVIA azurea grandiflora. A Rocky Mountain species, with pretty sky-blue flowers. 3 to 4 ft. Aug., Sept.

pratensis. Deep blue flowers. 2 ft. June, July.

memorosa (virgata memorosa). An effective border plant, with dark blue flowers. 2 ft. May, June. 50c.

SCABIOSA caucasica. Beautiful, soft lilac flowers, vigorous grower. 2 to 3 ft. June-Aug. 50c.

—**alba.** Very rare; pure white; 2 to 3 ft. 50c.

japonica. Divided leaves, branching habit. Lavender-blue. 3 ft. June to Aug.

SEDUM acre (Golden Moss, Stonecrop). Flowers bright yellow. 2-3 in. May-July.

album. Foliage green; flowers white. 2-3 in.

All plants, except where noted, 3 for 90c., 10 for \$2.50. Not less than 3 of 1 variety sold.

Hardy Vines and Climbers

From a utilitarian as well as an ornamental viewpoint, hardy vines are most desirable. For beautifying pergolas, fences or rough banks nothing is quite so satisfactory. Our offerings embrace the choicest as well as the more reasonably priced varieties.

Field grown vines may be shipped in Spring or Fall; pot grown specimens are available throughout the year.

ACTINIDIA arguta. Shining, dark green foliage. Flowers white, with purplish center. . . \$1.00 each

AKEBIA quinata. Numerous bunches of violet-brown flowers; does best in sunny places. . . 75c. each

AMPELOPSIS heterophylla. Well adapted for covering rocks and low trelliswork. . . 75c. each
quinquefolia (Virginia Creeper). Very large, green foliage, changing to brilliant scarlet in the Fall. . . 50c. each

Engelmannii. Similar to the preceding, with smaller and more dense foliage. . . 50c. each

tricuspidata Lowii (Lowii) (New Japanese Ivy). The small, prettily lobed foliage changes to a brilliant crimson in Autumn. Pot grown plants, \$1.00 each.

Veitchii (Japanese or Boston Ivy). Rapid growing vine, handsome green foliage, assuming charming sun tints in the Fall.

Field grown plants, 2-yr. . . 50c. each, \$4.50 for 10
 Pot grown plants. . . \$1.00 each, \$9.00 for 10

ARISTOLOCHIA Sipho (Dutchman's Pipe). A vigorous and rapid flowering climber. . . \$1.00 each

BIGNONIA radicans (Common Trumpet Vine). Brilliant orange-scarlet flowers in July and August. . . 75c. each

CELASTRUS scandens (False Bittersweet). A native vine, of rapid growth, with large leaves and yellow flowers.

Field grown plants. . . 50c. each, \$4.50 for 10

CLEMATIS. Beautiful and attractive vines.

Jackmanii. One of the best; large, rich, velvety purple flowers in profusion.

Henryi. Large, creamy white, fine form.

Mme. Edouard Andre. Bright red flowers. Pot grown plants of above. . . \$1.50 each

paniculata (Japanese Virgin's Bower). The white flowers are very pretty, fragrant and resemble snowflakes in late Summer.

Field grown plants. . . 50c. each, \$4.50 for 10

EUONYMUS radicans. Very hardy, dense growing, trailing vine; dull green leaves, with whitish veins. Field grown plants. . . 60c. each, \$4.50 for 10

variegatus. Fine vine, with clinging tendrils. Compact, variegated, small leaves. . . 75c. each

vegetus. Has round leaves and produces an abundance of showy red fruits with yellow pods. . . \$1.00 each, \$9.00 for 10

HEDERA helix (English Ivy). This is the popular, small-leaved variety and has proved perfectly hardy.

Pot grown plants. . . 50c. each, \$4.50 for 10

Extra strong plants. . . 75c. each, \$6.50 for 10

Specimens with many branches trained on sticks, 4 to 6 ft. \$4.00 each.



Clematis Jackmanii.

LONICERA japonica aureo-reticulata. Handsome foliage, netted and spotted bright yellow.

2-year plants, 50c. each, \$4.50 for 10, \$40.00 per 100

—**Halliana** (Hall's Japanese Honeysuckle). A strong grower and constant bloomer. A choice variety.

2-year plants, 50c. each, \$4.50 for 10, \$35.00 per 100

LYCIUM Chinensis. (Chinese Matrimony Vine). A vigorous climber, branching freely, bright purple star-shaped flower followed by brilliant scarlet berries. Fine for banks or retaining wall.

50c. each, \$4.50 for 10.

POLYGONUM auberti (Silver Lace Vine). A useful climbing plant, perfectly hardy, a strong grower, covering itself with a sheet of snowy white flowers. . . \$1.00 each

PUERARIA Thunbergiana (Kudzu Vine). A most remarkable rapid growing vine, unparalleled for ornament and shade. . . 50c. each

SCHIZOPHRAGMA hydrangeoides (Climbing Hydrangea). Has bright green, round leaves, and flowers similar to Hydrangeas.

Pot-grown plants. . . \$2.50 each

TECOMA. See *Bignonia*.

WISTERIA macrobotrys (multijuga) (Japanese Loose-clustered Wisteria). A rare species, with purplish or lilac-colored flowers, borne in immense clusters, sometimes 2 ft. in length. . . \$1.00 each

sinensis (chinensis) (Chinese Wisteria). Flowers sky-blue, in long, pendulous clusters. . . 75c. each
 Pot grown plants. . . \$1.50 to \$3.00 each

—**alba (chinensis alba)** (White Chinese Wisteria). A choice variety with white flowers. . . 75c. each
 Pot grown plants. . . \$1.50 to \$3.00 each

The prices given above are for field grown plants. We can supply pot grown plants, upon request of the majority of varieties mentioned above.

ROSES—Hybrid Tea, or Everblooming

This selection will produce a mass of Roses to cut from the entire season. The plants are American, two-year-old, and the varieties are the very best for outdoor culture; invaluable either for display or cutting and are hardy with protection.

Being almost as hardy as the June Roses, they can be treated in a similar way with regard to pruning.

All strong, American two-year-old field grown plants, \$1.00 each, \$9.00 for 10.

SUGGESTIONS FOR SPRING PLANTING OF ROSES

The soil should be thoroughly cultivated and a liberal supply of rotted manure added. In planting, dig a hole sufficiently large to accommodate the roots when spread out on the bottom of the hole. In filling in the soil, shake the plant lightly in order that the soil may mix between the roots. Fill in the soil and firm it in order that the plant may be solid. Be sure to see that the lower parts of the lower branches are below the surface of the soil. Do not plant in a mound, the surface should be level. Cut back the branches to within 4 to 6 inches of the surface of the ground. With this treatment the best results may be obtained.

PINK AND ROSE SHADES

- Columbia.** A large beautiful pink.
Killarney Queen. A distinct clear pink.
Konigin Carola. A satin-rose with silvery reflexes, very large, pointed buds, slightly fragrant.
Lady Alice Stanley. Deep coral rose on the outside of the petals, pale flesh on the inside.
Lady Ashtown. Pale carmine-pink, shading to golden yellow at base of petals.
Lady Ursula. Pastel shades of pink merging to yellow base, pleasantly fragrant.
La Tosca. Silvery pink with deeper center, full flowers.
Los Angeles. A luminous flame pink, toned with coral and shaded with translucent gold.
Mme. Butterfly. Bright pink apricot and gold. Large buds and flowers.
Mme. Caroline Testout. Bright, satiny rose, with brighter center; free flowering.
Mme. Segond-Weber. Beautiful rosy salmon.
Miss Cynthia Forde. Large flowers of deep, brilliant rose-pink, with light rosy pink reflex.
Mrs. Henry Morse. A lovely pink, shaded salmon, deeper at the base.
Ophelia. Delicate rose, heavily flushed but opening to a salmon flesh shaded with rose.
Premier. A handsome dark pink. The large full blooms are exquisite and very lasting.
Radiance. Beautiful carmine rose flushed with copper; large round flowers.
Rose Marie. Clear rose-pink flowers of large size; one of the finest Roses.
Secretaris Zwart. Rose, shaded salmon.
Souvenir de Georges Pernet. Brick-red buds, opening to terra cotta pink. \$1.00 each
Willowmere. Coral-red buds opening to shrimp-pink.
William F. Dreer. Beautiful, shell-pink petals, with golden yellow bases.



H. T. Rose, Independence Day.

SCARLET, CARMINE AND CRIMSON SHADES

- Chateau de Clos-Vougeot.** Soft, velvety scarlet opening to a deep crimson.
Etoile de France. A soft, velvety crimson, with a vivid shade of cerise.
Etoile de Hollande. Brilliant red bloom, fine size, very fragrant. A splendid rose. \$1.50 each
Francis Scott Key. A glorious rose of blazing red. Perfectly formed, large size, fragrant.
General MacArthur. Bright crimson; large, free flowering; highly perfumed; very, hardy.
George C. Waud. Distinct orange-red, with fine scent; large, full and well formed; very profuse.
Gruss an Teplitz. Brightest scarlet crimson; satiny texture; very free flowering.
H. V. Machin. Intensely black-grained, scarlet-crimson blooms carried on rigid flower stalks.
Jonkheer J. L. Mock. Carmine, changing to imperial pink. A variety of distinct merit.
Laurent Carle. Brilliant, velvety carmine.
Mme. Edouard Herriot (Daily Mail Rose). Coral-red, shaded with yellow and bright rosy scarlet, passing to shrimp-red.
Red Radiance. Color deep red. The enormous, globular flowers are borne on heavy canes.

PURE WHITE AND WHITE SHADES

- Edel.** A wonderful Rose, producing white flowers that open ivory-white.
Kaiserin Auguste Victoria. White, shading to primrose. A fine Rose; very vigorous.
Killarney, Double White. Very fine form of pure delicate appearance.
Innocence. Very large, single, pure white flowers, with prominent large, orange-red stamens. A strong upright grower. \$1.50 each
Mme. Jules Bouche. Handsome white blooms, with centers shaded primrose.
Miss Willmott. White flowers of enormous size.

Any of above varieties, except where priced, each \$1.00, 10 for \$9.00.

Roses, Hybrid Tea and Everblooming—Continued

YELLOW, SALMON, COPPER SHADES

Betty. Flowers ruddy gold; very large.

Constance. Orange buds, streaked crimson, developing large, rich yellow flowers.

Duchess of Wellington. Flowers saffron-yellow, which become deep coppery yellow as they open.

Eldorado. Buds golden yellow flushed red, opening to clear yellow, slightly fragrant.

Golden Emblem. A most desirable truly yellow Rose.

Golden Ophelia. Golden yellow in center, paling slightly at outer petals.

Harry Kirk. Clear yellow, sweetly perfumed.

Independence Day. Flame-colored flowers, show also petals of gold and apricot.

Louise Catherine Breslau. Large, oval bud of coral-red, shaded chrome-yellow.

Mme. Leon Pain. Inside of petals light silvery salmon, salmon-pink on outside.

Miss Lolita Armour. Chrome-yellow at base, shading to orange and copper hues.

Mme. Ravary. Golden yellow buds, opening to very large, orange-yellow flowers.

Mrs. Aaron Ward. The color is a distinct Indian yellow, and as the flowers expand, they shade lighter to the edges.

Padre. Copper-scarlet with bright yellow at base of petals.\$1.50 each

Rev. F. Page-Roberts. Copper-red buds of great length, opening to golden yellow.\$1.50 each

Souvenir de Claudius pernet. Fine buds of fadeless yellow.

Wilhelm Kordes. A recent introduction with long pointed buds of deep golden salmon, suffused copper and veined with red, very fragrant. A vigorous grower.\$1.50 each

Any of the above varieties, except where priced, \$1.00 each, \$9.00 for 10.

Hybrid Perpetual, or Remontant Roses

These are commonly called the June Roses, owing to their greatest crop being borne in that month. Require hard pruning annually. Our list of varieties is selected with a view to suit all lovers of the Rose who desire the best.

Extra strong, 2-year old, field grown plants, \$1.00 each, \$9.00 for 10.

American Beauty. Deep pink to soft carmine.

Baroness Rothschild. Superb rose, of rich satiny pink.

Frau Karl Druschki. Fine snow-white; vigorous grower and very hardy.

General Jacqueminot. Brilliant scarlet-crimson superb flower.

George Arends. Strong grower with delicate pink flowers.

Hugh Dickson. Crimson, shaded scarlet.

J. B. Clark. Intense deep scarlet.

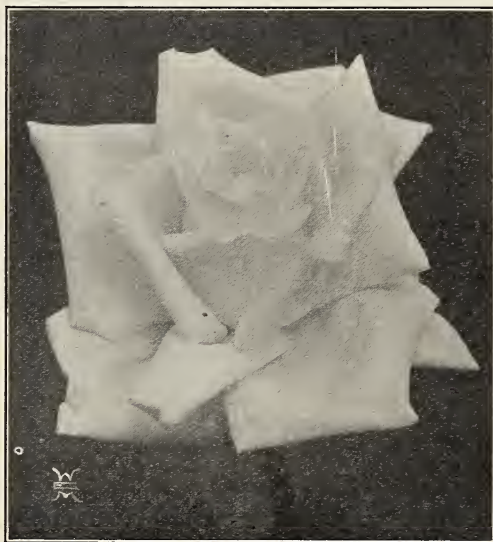
Magna Charta. Bright pink, suffused with carmine; a beautiful Rose.

Mrs. John Laing. Immense blooms of soft clear pink. A strong grower.

Paul Neyron. Deep rose; largest of all Roses; fine foliage.

Ulrich Brunner. Bright, cerise red; flowers large.

Any of the above Roses, \$1.00 each, \$9.00 for 10.



H. P. Rose, Frau Karl Druschki.

Climbing and Trailing Roses

This class is easily distinguished by their peculiar habits. They may be grown either on trellis, pergolas, or used in covering banks. The Roses in this class mostly flower in clusters.

Strong, 2-year-old plants, \$1.00 each, \$9.00 for 10.

Aviateur Bleriot. Saffron buds and flowers streaked with crimson in small clusters.

Bess Lovett. Resembles Climbing American Beauty in shape of bloom, but is very much brighter in color and more fragrant.

Climbing American Beauty. Fragrant flowers of a rich crimson color.

Crimson Rambler. Small, ruffled flowers of dazzling scarlet-red borne in giant sprays on a strong growing plant.

Dorothy Perkins (Hybrid Wichuraiana). Soft light pink, flowers profusely in large clusters.

Dr. W. Van Fleet. The long pointed buds are of a rich flesh-pink on long stems; vigorous grower.

Emily Gray. Golden yellow flowers like Marechal Neil. Very fragrant.

Excelsa (Wichuraiana). Intense crimson, with lighter edges, fine foliage.

Gardenia. Pleasing yellow buds, opening lighter.

Hiawatha (Single Wichuraiana). Brilliant scarlet flowers in large clusters; most brilliant and effective.

Paul's Scarlet Climber. It is a vivid scarlet, shaded with bright crimson.

Roserie. A thornless Rose of deep pink.

Silver Moon. Semi-double, pure white flowers with bright yellow stamens; very profuse bloomer.

Star of Persia. Semi-double bright yellow flowers, borne in large sprays.

Tausendschoen (multiflora). Opening flowers pink, rosy carmine when expanded; clusters very large.

Any of the above Roses, \$1.00 each, \$9.00 for 10.



Rosa Hugonis

DWARF POLYANTHAS

The Polyanthas are a charming class of everblooming Roses, of a dwarf, bushy habit.

Eblouissant. Glowing dark red flowers of medium size, heavily shaded velvety crimson. Large trusses.

Ellen Poulsen. The flowers are large size and brilliant pink in color.

Gruss an Aachen. Large flowers of flesh pink overlaid with cream yellow; deep pink at base.

Miss Edith Cavell. A brilliant scarlet color.

Orleans. Brilliant geranium-red, tinted pink, with creamy white centers.

Triomphe Orleanais. A bright, cerise-red.

Any of the above Roses \$1.00 each, \$9.00 for 10.

GREENHOUSE ROSES

The Roses we offer for greenhouse culture are grown by reliable growers on *grafted stock* only. We guarantee fine, healthy stock will be sent on all orders entrusted to our care.

Briarcliff. The color is more brilliant than Columbia, without the salmon undertones, being a true rose-pink.

Commonwealth. A beautiful dark pink.

Double White Killarney. The best white.

Mrs. Calvin Coolidge. The new golden yellow.

Mrs. F. R. Pierson. A wonderful new Rose. A fine sport of Premier with all its sterling qualities.

Mme. Butterfly. Bright pink, apricot and gold.

Ophelia. Clear salmon pink.

Premier. Rose pink, free and easy grower.

Rapture. An exquisite salmon shade, deeper than Butterfly, with the same golden flush at the base of petals.

Senator. A wonderful new dark scarlet rose without the slightest trace of blue. Bud is long, pointed and well formed, fragrance wonderful.

Souvenir de Claudius Pernet. A beautiful yellow Pernetiana Rose. Grafted on Rosa odorata.

Templar. A clear bright red; very fragrant.

Grafted stock only. 2½-in. pots, doz. \$7.00, 100 \$50.00, 3-in. pots, doz. \$9.00, 100 \$65.00.

Greenhouse Roses ordered in advance will be shipped in due season for planting.

MOSS ROSES

The Moss Roses are very fragrant and bloom profusely in June.

Blanche Moreau. Pure snowy white.

Crested Moss. Pale, rosy pink, beautifully crested.

Red Moss. The color is a clear red heavily mossed with deep green.

Any of the above Roses \$1.00 each, \$9.00 for 10.

STANDARD ROSES

We can supply many of the leading varieties in standard or tree form. Each \$3.50.

MISCELLANEOUS ROSES

Cabbage Rose. An old favorite. Large, full, rosy-pink, sweet scented flowers. Hardy and rugged. \$1.00 each.

Persian Yellow. Double yellow flowers in great profusion in Spring. 75c. each.

Rosa Hugonis. Fine for shrub planting, as it reaches a height of 6 ft. when fully matured. The long, arching branches are thickly set with the lovely single yellow flowers in May, and it is one of the earliest Roses to bloom. Makes a most spectacular show. Never winterkills. \$1.00 each.

Rosa rugosa, Conrad F. Meyer. A clear, silvery-pink, with double flowers. 75c. each.

Rosa rugosa, F. J. Grootendorst. A continuous bloomer bearing red, double flowers in clusters. \$1.00 each.

Rosa Wichuraiana (Memorial Rose). Single. A handsome Rose for covering banks and rockeries. Fragrant, white flower clusters; half evergreen, glossy foliage. 75c. each.

Rugosa Nova Zembla. Large double sweet-scented nearly white in color. 75c. each.



Rose, Ophelia



Flowering and Foliage Shrubs

Please note that the prices below are based upon actual values. Shape, buds and roots are what you want not merely height. We will send out only plants that are sure to give ultimate satisfaction. We have larger specimen plants, and if ordered, will supply them at proportionate rates.

ALTHAEA (Rose of Sharon). Strong, erect growing shrub of symmetrical habit. Very desirable for flowering all Summer.

Double Pink, Purple, Rose, or White.

2 to 3 ft. 75c. each, \$6.50 for 10
3 to 4 ft. \$1.00 each, \$9.00 for 10

AMELANCHIER canadensis (Dwarf Juneberry). White flowers in early Spring before the leaves.

2 to 3 ft. \$1.00 each
3 to 4 ft. \$1.50 each

AMYGDALUS chinensis alba flore pleno (Double White Flowering Almond).

3 ft. \$1.50 each
—**rosea plena** (Double Pink Flowering Almond).
3 ft. \$1.50 each

ANDROMEDA catesbaei. A valuable shrub for planting under trees, on the margins of woodland drives and in other shady positions. Flowers are fine white and are borne on long, pendulous racemes, with a characteristic fragrance.

15 to 18 in. \$2.00 each, \$17.50 for 10
1½ to 2 ft. \$3.00 each, \$27.50 for 10

AZALEA amoena. Evergreen shrub of bushy habit and perfect hardiness. Flowers are of bright rosy purple.

12 to 15 in. \$2.50 each
15 to 20 in. \$4.00 each
Specimen plants. \$5.00 to \$10.00 each

hinodegiri. A bright scarlet form of the well-known and charming Azalea amoena.

12 to 15 in. \$3.50 each
15 to 18 in. \$5.00 each

viciosa (Swamp Honeysuckle). White, fragrant flowers in June and July.

12 to 18 in. \$2.50 each, \$20.00 for 10

BENZOIN aestivale (Spicewood). Tall spreading bush with red berries in Summer and Autumn.

2 to 3 ft. 60c. each, \$5.00 for 10
3 to 4 ft. 75c. each, \$6.00 for 10

BERBERIS thunbergi (Barberry). A beautiful Japanese variety of dwarf habit. Small foliage, changing to beautiful red in Autumn.

1½ to 2 ft. 50c. each 2 to 3 ft. 75c. each

thunbergi atropurpurea (Red-leaved Barberry). The foliage is a rich bronzy-red with scarlet berries in the Fall. Should be planted in full sun exposure for best coloring.

1 yr. old plants. 75c. each, \$7.00 for 10

Box Barberry. A perfectly hardy edging plant.

8 to 12 in. \$4.00 per 10, \$40.00 per 100
12 to 15 in. \$5.00 per 10, \$50.00 per 100
15 to 18 in. \$6.00 per 10, \$60.00 per 100

BUDDLEIA magnifica (*variabilis magnifica*).

Purple-lilac flowers borne in long, graceful panicles, commencing to open in Midsummer and continuing until frost. 2 to 3 ft. 50c. each

CALYCANTHUS floridus (Sweet Scented Shrub).

2 to 3 ft. 75c. each 3 to 4 ft. \$1.00 each

CERCIS canadensis (Japan Judas Tree, or Redbud).

2 to 3 ft. 75c. each, \$7.00 for 10
3 to 4 ft. \$1.00 each, \$9.00 for 10

CHIONANTHUS virginica (White Fringe). One of the most decorative of all the flowering shrubs.

2 to 3 ft. \$1.50 each 3 to 4 ft. \$2.00 each

CLETHRA alnifolia (Sweet Pepper Bush).

2½ to 3 ft. 75c. each, \$7.00 for 10
3 to 4 ft. \$1.00 each, \$9.00 for 10

CORNUS alba sibirica (Red Osier Dogwood).

3 to 4 ft. 75c. each, \$6.00 for 10

florida. Pure snow-white flowers.

3 to 4 ft. \$1.75 each 4 to 5 ft. \$3.00 each

—**rubra** (Red Flowering Dogwood).

1½ to 2 ft. \$4.00 each 2 to 3 ft. \$6.00 each

sanguinea. The well-known red-branched Dogwood. 3 to 4 ft. 75c. each, \$6.50 for 10

All Trees and Shrubs are shipped by express collect. No C. O. D. shipments made.

FLOWERING AND FOLIAGE SHRUBS—Continued

CORYLUS purpurea (Purple-leaved Filbert)
(Hazelnut).

2 to 2½ ft. \$1.50 each. 3 to 4 ft. \$2.00 each

CRATAEGUS coccinea (Scarlet Fruited Thorn).
Crus-galli (Cockspur Thorn).

Oxyacantha (English Hawthorn). Single white flowers.

—**alba plena**. Double white flowers.

—**flore rosea plena**. Beautiful pink, double.

W. Paul's Scarlet. Rich brilliant scarlet flowers.

Prices of above varieties:

3 to 4 ft. \$2.50 each. 4 to 5 ft. \$3.50 each

CYDONIA japonica (Japan Quince).

1½ to 2 ft. 75c. each, \$6.50 for 10

DAPHNE Cneorum (Garland Flower). Sweet scented bright pink flowers. Trailing habit strong plants.

6 to 8 in. spread. \$1.25 each, \$11.00 for 10

8 to 10 in. spread. \$1.50 each, \$14.00 for 10

DEUTZIA crenata fl. pl. Flowers double, pinkish white.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

gracilis. A fine hardy shrub, forming a round and compact mass of white in June.

1 to 1½ ft. 50c. each, \$4.50 for 10

1½ to 2 ft. 75c. each, \$7.00 for 10

Lemoinei. 2 to 2½ ft. 75c. each

Pride of Rochester. Double white flowers, tinged pink.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$7.00 for 10

ELAEAGNUS longipes (Silver Thorn). The foliage is bright green above and silvery white beneath.

2 to 3 ft. 75c. each, \$7.00 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

EUONYMUS americana (Strawberry Bush) (Spindle Tree, or Burning Bush). An erect growing shrub with slender, green branches.

2 to 3 ft. 75c. each, \$6.50 for 10

3 to 4 ft. \$1.00 each, \$9.00 for 10

alatus. The foliage is fine rose color in the Autumn.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.25 each

FORSYTHIA Fortunei (Golden Bell). Bark bright yellow; blooms in dense masses of golden flowers in April.

suspensa. (Weeping Golden Bell). Somewhat pendulous in habit.

viridissima. Blooms early in Spring, before the leaves appear.

2 to 3 ft. 60c. each, \$5.50 for 10

3 to 4 ft. 75c. each, \$6.50 for 10

4 to 5 ft. \$1.00 each, \$9.00 for 10

HALESIA tetraptera (Silver Bell) (Snowdrop Tree). A beautiful large shrub, with pretty, white, bell-shaped flowers.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.50 each

HYDRANGEA arborescens grandiflora (Hills of Snow). Foliage green, bluish underneath. Flowers June and July.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

—**paniculata grandiflora**. This is a grand plant, showy and attractive, lasting in bloom for months.

2 to 3 ft. \$1.00 each, \$9.00 for 10

3 to 4 ft. \$1.25 each, \$11.00 for 10

Standards, 3 yr. head. \$2.00 each

Otaksa. Immense heads of either pink or blue flowers.

Extra heavy pot grown plants. \$1.00 to \$2.00 each

Plants in tubs. \$4.00 to \$10.00 each

Specimens. \$15.00 to \$25.00 each

French Varieties

Baby Bimbenet. Very dwarf, free, and early; large, compact trusses of silvery rose flowers.

Eclairer. Bright carmine rose.

General de Vibraye. Large; bright rose.



Flowering Thorn (Crataegus)

HYDRANGEA, French Varieties—(Continued)

Louis Foucard. Distinct, deep, cheerful reddish carmine.

Mme. Maurice Hamar. Very good pink.

Souv. de Mme. E. Chautard. The most popular, early, free pink.

Pot grown plants. \$1.00 each, \$9.00 for 10

HYPERICUM aureum (St. John's Wort). Flowers of bright yellow, July to August.

Moserianum. Beautiful golden yellow flowers, crimson stamens. Of dwarf habit.

All Hypericums. 50c. each, \$4.50 for 10

ITEA virginica (Virginian Willow). One of the prettiest native shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily.

1½ to 2½ ft. 60c. each, \$5.50 for 10

JASMINUM nudiflorum (Winter Jasmine). Golden yellow flowers very early in Spring, flowering before the foliage appears.

18 to 24 in. 75c. each. 2 to 2½ ft. \$1.00 each

KERRIA Japonica. A green-branched shrub conspicuous in winter; abundant yellow flowers from June to October.

1½ to 2 ft. \$0.70 each, \$6.00 for 10

2 to 3 ft. \$1.00 each, \$8.00 for 10

—**Flore-pleno**. Double yellow flowers.

1½ to 2 ft. \$0.80 each, \$7.00 for 10

2 to 3 ft. \$1.25 each, \$10.00 for 10

LIGUSTRUM amurense (Japanese Privet). Large, oblong, glossy green foliage, half evergreen; grows to 15 ft.

3 to 4 ft. 75c. each, \$6.50 for 10

Ibota (New Japanese Privet). Large, glossy, distinct foliage.

3 to 4 ft. 60c. each, \$5.50 for 10

ovalifolium (California Privet). Vigorous shrub of excellent habit.

3 to 4 ft. 50c. each, \$4.50 for 10

4 to 5 ft. 75c. each, \$6.50 for 10

Globe-shaped, clipped, 2½ ft. \$4.00 each

3 ft. \$5.00 each. 3½ ft. \$6.00 each



FLOWERING AND FOLIAGE SHRUBS—Continued

LIGUSTRUM—(Continued)

Regelianum. Splendid dense horizontal growing shrub. 1½ to 2 ft. 50c. each, \$4.50 for 10
2 to 2½ ft. 75c. each, \$6.50 for 10

LILACS. **Syringa persica.** Purple flowers.
2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.25 each
rothomagensis. Large red flowers.
2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.25 each
vulgaris. The common purple species.
2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each
vulgaris alba. Fragrant single white.
2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.25 each

LONICERA (Bush, or Upright Honeysuckle).

fragrantissima (Fragrant Upright Honeysuckle). Graceful spreading habit, rich dark green foliage; fragrant flowers.

Morrowi. Pure white flowers; bright red fruit; August till late Fall.

tatarica (Tartarian Honeysuckle). Pink flowers. —**alba** (White Tartarian Honeysuckle).

Prices of all varieties.
2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$7.00 for 10

MALUS atrosanguinea (Crab). Makes a good head; covered with deep carmine flowers.

floribunda (Profuse Flowering Crab). Forms a shapely bush or small tree; bud warm red, opening to light pink, delicately shaded.

Scheideckeri (Double Flowering Crab). Has fine double flowers of a light rose color.
3 to 4 ft. \$1.50 each. 4 to 5 ft. \$2.00 each
5 to 6 ft. \$2.50 each

PACHYSANDRA terminalis. One of the most valuable evergreen shrubs for dense shade.
6 to 9 in. \$2.00 for 10, \$18.00 per 100

PHILADELPHUS coronarius (Common Mock Orange). Flowers pure white and very fragrant. Blooms in June.

2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$6.50 for 10

—**aureus.** Foliage golden yellow; very effective.
2 to 3 ft. \$1.00 each, \$9.00 for 10

grandiflorus. Flowers creamy white, vigorous shrub.
2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$7.00 for 10

PRUNUS Pissardii (Purple-leaved Plum). Vigorous, upright growth.

3 to 4 ft. \$1.00 each, \$9.00 for 10
4 to 5 ft. \$1.50 each, \$12.00 for 10

triloba (Double Flowering Plum).
2 to 3 ft. \$1.25 each. 3 to 4 ft. \$1.50 each

RHAMNUS cathartica (Buckthorn). A tall growing shrub or hedge plant. Lustrous green leaves and black berries follow the white flowers. Extremely hardy and very ornamental.

2 to 3 ft. 60c. each, \$5.00 for 10
3 to 4 ft. 75c. each, \$6.50 for 10

RHODOTYPOS kerrioides (White Kerria). Showy white flowers in May followed by black berries that last all Winter.

18 to 24 in. 75c. each, \$6.50 for 10
2 to 3 ft. \$1.00 each, \$9.00 for 10

RHUS cotinus (Sumach) (Purple Fringe, or Smoke Tree). A curious, large growing shrub, forming broad, round headed bushes.

18 to 24 in. \$1.00 each, \$9.00 for 10
2 to 3 ft. \$1.50 each, \$13.00 for 10

typhina (Staghorn Sumach).
3 to 4 ft. 75c. each, \$6.50 for 10
4 to 5 ft. \$1.00 each, \$9.00 for 10

—**laciniata** (Fern leaved Staghorn Sumach).
2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$7.00 for 10

ROBINIA hispida. (Rose Acacia). Drooping clusters of pea shaped rose colored flowers in May and June.

2 to 3 ft. \$1.00 each. 3 to 4 ft. \$1.50 each

SAMBUCUS (Elder). These are large, showy shrubs, ornamental in flower, fruit and foliage; of easy cultivation.

canadensis (Common Elder).

nigra aurea. Golden yellow foliage.

2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$7.00 for 10

SPIRAEA Bumalda. Very handsome; rose colored flowers. Dwarf. 18 in. 75c. each, \$6.50 for 10
Anthony Waterer. Grows dwarf. The brightest colored of all the Spiraeas.

1½ to 2 ft. 75c. each. 2 to 3 ft. \$1.00 each
opulifolia (Ninebark). Of vigorous growth, with flat clusters of white flowers.

2 to 3 ft. 60c. each, \$5.50 for 10
3 to 4 ft. 75c. each, \$6.50 for 10

prunifolia fl. pl. (Bridal Wreath). Small, double, white flowers, borne close to the branches.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

Thunbergii. Pure white flowers.

2 to 2½ ft. 75c. each

Vanhouttei. Pure white flowers. Tall.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

STEPHANANDRA flexuosa. The leaves are finely and delicately cut. Flowers are creamy white.
2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

STYRAX japonica. Leaves resemble those of the Dogwood; flowers pure white; bell-shaped.
2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

SYMPHORICARPOS racemosus (Snowberry). Small pink flowers in Summer, followed by large, waxy white berries in Autumn.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

vulgaris (Coral Berry). Vigorous and quick grower, covered with purple berries all Summer.

2 to 3 ft. 60c. each. 3 to 4 ft. 75c. each

TAMARIX africana (Tamarisk). Strong, growing shrubs, with feather foliage and small, delicate flowers.

2 to 3 ft. 60c. each. 3 to 4 ft. \$1.00 each

VIBURNUM. A very popular shrub, known as the Snowball.

dentatum. Curious dentated leaves and greenish white flowers; pretty berries in Autumn.

2 to 3 ft. 75c. each, \$6.50 for 10
3 to 4 ft. \$1.00 each, \$9.00 for 10

Lantana. The large white flower clusters open in May and are followed by red fruits.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

Opulus (High Cranberry). Very fine in flower, and berries are scarlet. Leaves are three-lobed and coarsely toothed.

3 to 4 ft. 75c. each, \$6.50 for 10
4 to 5 ft. \$1.00 each, \$9.00 for 10

Opulus sterile (Snowball). A variety of the above with globes of pure white flowers in May.

3 to 4 ft. \$1.00
4 to 5 ft. \$1.50

WEIGELA (Diervilla). A valuable, bold, graceful shrub. Flowers trumpet-shaped, varying in color from pure white to dark red.

amabilis. Vigorous and attractive shrub, with light pink flowers.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

candida. Flowers pure white; strong grower.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

Eva Rathke. Rich reddish purple.

1½ to 2 ft. 75c. each. 2 to 2½ ft. \$1.00 each

rosea. Handsome rose-colored flowers.

2 to 3 ft. 75c. each. 3 to 4 ft. \$1.00 each

—**nana variegata.** Leaves variegated with white.
2 to 3 ft. 75c. each, \$6.50 for 10
3 to 4 ft. \$1.00 each

Ornamental Evergreens and Conifers

BOXWOOD (*Buxus sempervirens*) (Common Tree Box). A large shrub with thick, leathery dark green leaves. Bears shearing well and can be shaped in any form desired.

Bush Form. In various sizes. \$2.00 to \$15.00 each

Pyramids. In various sizes. \$7.00 to \$20.00 each

BOXWOOD EDGING, Dwarf Box (*suffruticosa*).

The well-known Box used for edging, and invaluable for that purpose.

4 to 6 in. \$25.00 per 100

6 to 8 in. \$50.00 per 100

JUNIPERUS (*Juniper*) *excelsa stricta*. Foliage glaucous and arranged around the branches in threes, dense and prickly.

1 ft. \$2.50 each. 1½ ft. \$3.00 each

2 ft. \$4.00 each. 2½ ft. \$5.00 each

hibernica (Irish Juniper). A distinct and beautiful variety, of erect, dense, conical outline.

12 in. \$1.50 each. 18 in. \$2.25 each

pfitzeriana. Very distinct, being of striking, graceful habit; the color bright silvery green; perfectly hardy.

18 to 24 in. \$3.50 each. 2 to 2½ ft. \$5.00 each

sabina (Compact Savin Juniper). Low, trailing habit and fine for massing.

12 in. \$2.00 each. 18 in. \$4.00 each

virginiana (Red Cedar). Of medium compact growth.

3 ft. \$3.50 each. 4 ft. \$6.00 each

5 ft. \$10.00 each. 6 ft. \$12.00 each

—**glauca** (Silvery Red Cedar).

2 ft. \$4.00 each. 3 ft. \$7.00 each

KALMIA latifolia (Mountain Laurel, or Calico Bush).

1 to 1½ ft., nursery grown. \$2.50 each

1½ to 2 ft., nursery grown. \$5.00 each

2 to 3 ft., nursery grown. \$6.00 each

Prices for carload lots of collected stock on application.

PICEA excelsa (Norway Spruce). Leaves dark green, very handsome; of pyramidal, lofty appearance;

1½ to 2 ft. \$2.00 each. 2 to 3 ft. \$4.00 each

3 to 4 ft. \$6.00 each

pungens (Colorado Spruce). Leaves bluish.

18 to 24 in. \$5.00 each. 2 to 3 ft. \$7.50 each

PINUS austriaca (Austrian Pine). A robust, stately tree of rapid growth and very hardy.

2 ft. \$3.00 each. 2½ ft. \$4.00 each

mughus (Dwarf Mugho Pine).

12 to 18 in. diam. \$3.50 each

1½ to 2 ft. diam. \$5.00 each

strobis (White Pine). One of the best native Pines; pale light green foliage.

2 to 3 ft. \$3.50 each. 3 to 4 ft. \$5.00 each

sylvestris (Scotch Pine). Of rapid growth, with strong branches and short, stiff, bluish-green foliage.

2 ft. \$3.00 each. 3 ft. \$4.50 each

RETINOSPORA filifera (Japanese Cedar). Thread-branched, drooping branches, bright green; very pretty.

1½ ft. \$3.50 each. 2 ft. \$5.00 each

—**aurea**. Golden; most attractive.

18 in., bushy shaped. \$4.00 each

obtus. Graceful tree, foliage bright clear green.

2 ft. \$4.00 each. 3 ft. \$7.00 each

pisifera (Sawara Cypress). Branches horizontal, with leaves feathery green above, whitish lines beneath.

1½ ft. \$3.50 each. 2 ft. \$5.00 each

3 ft. \$7.50 each

—**aurea**. Golden feathery foliage.

1½ ft. \$3.50 each. 2 ft. \$5.00 each

plumosa. Graceful habit.

1½ ft. \$3.00 each. 2 ft. \$4.00 each

2½ ft. \$5.00 each. 3 ft. \$7.00 each



Picea Pungens

RETINOSPORA plumosa aurea. Golden foliage.

1½ ft. \$3.00 each. 2 to 3 ft. \$5.00 each

—**squarrosa veitchi**. Light bluish green foliage.

1½ ft. \$3.00 each. 2 ft. \$5.00 each

RHODODENDRONS (Hardy Hybrid Varieties).

Handsome grouping and border effects can be created by using these charming hybrids.

18 to 24 in. \$7.50 each. 24 to 30 in. \$10.00 each

30 to 36 in. \$12.00 each

maximum (Great Laurel). Is admirably adapted to massing, will thrive in shady or exposed positions, and is perfectly hardy. Nursery grown.

2 to 2½ ft. \$5.00 each. 2½ to 3 ft. \$7.00 each

3 to 4 ft. \$9.00 each

Prices for carload lots of collected stock on application.

TAXUS baccata repandens (Yew). This is the hardiest of all prostrate varieties and will grow in almost any position. It is excellent for hedging, grouping and covering banks.

1½ to 2 ft. diam. \$4.00 each

cuspidata. Spreading form.

12 to 18 in. high. \$3.50 each

18 to 24 in. high. \$5.00 each

2 to 2½ ft. high. \$7.50 each

—**nana brevifolia**. Really an excellent Yew, with fine, spreading branches and rich deep green, short leaves. Highly recommended.

15 in. \$3.50 each. 1½ ft. \$6.00 each

2 ft. \$8.00 each

THUJA pyramidalis (Pyramidal Arborvitae). A most valuable, upright evergreen, of dense, compact habit. Foliage light green.

2½ ft. \$4.00 each. 3 to 4 ft. \$7.00 each

4 to 5 ft. \$10.00 each

occidentalis (Common American Arborvitae).

2 to 3 ft. \$3.50 each. 3 to 4 ft. \$5.00 each

4 to 5 ft. \$7.50 each

wareana occidentalis sibirica (Siberian Arborvitae). Large, bold, glaucous green foliage.

2 ft. \$3.50 each. 2½ ft. \$5.00 each

TSUGA canadensis (Common Hemlock). One of the most handsome and graceful evergreens.

18 to 24 in. \$3.50 each. 2 to 3 ft. \$5.00 each

3 to 4 ft. \$7.50 each



Ornamental and Shade Trees

ACER dasycarpum (White or Silver-leaved Maple). Large sized tree, rapid grower.

8 to 10 ft., $1\frac{1}{4}$ in. diam. \$3.00 each
10 to 12 ft., $1\frac{1}{2}$ in. diam. \$5.00 each
12 to 13 ft., $1\frac{3}{4}$ in. diam. \$6.00 each

— **wieri laciniatum** (Wier's Cut-leaved Silver Maple). Very beautiful variety, with delicately cut leaves and graceful drooping branches.

8 to 10 ft., $1\frac{1}{4}$ in. diam. \$4.00 each
10 to 11 ft., $1\frac{1}{2}$ in. diam. \$5.00 each
11 to 12 ft., $1\frac{3}{4}$ in. diam. \$6.50 each

platanoides (Norway Maple). Vigorous growing tree, of spreading rounded form.

8 to 10 ft., $1\frac{1}{4}$ in. diam. \$6.00 each
10 to 11 ft., $1\frac{1}{2}$ in. diam. \$7.00 each
11 to 12 ft., $1\frac{3}{4}$ in. diam. \$9.00 each

saccharinum (Sugar, or Rock Maple). Of vigorous growth; more or less pyramidal form.

10 to 11 ft., $1\frac{1}{4}$ in. diam. \$5.00 each
11 to 12 ft., $1\frac{1}{2}$ in. diam. \$6.00 each
12 to 14 ft., $1\frac{3}{4}$ in. diam. \$10.00 each

AESCULUS hippocastanum (European White-Flowering Horse Chestnut). A compact, handsome tree. Foliage appears very early in Spring.

10 to 12 ft., $2\frac{1}{2}$ in. diam. \$8.00 each
12 to 14 ft., 3 in. diam. \$10.00 each

BETULA alba laciniata (Cut-leaved Weeping Birch). Silvery white bark, graceful drooping habit of growth.

4 to 6 ft. . . . \$3.00 each. 6 to 8 ft. . . . \$4.50 each

papyrifera (Paper, or Canoe Birch). Handsome tree; tall growing. Leaves large; bark silvery white.

6 to 8 ft. . . . \$3.00 each. 8 to 10 ft. . . \$4.00 each

CATALPA bungei. A rapid growing tree, with a dense mass of large, heart-shaped light green leaves. Excellent for formal effects. Handsome, globe-headed standards.

Medium heads \$3.00 each
Large heads \$4.00 each

FAGUS sylvatica (European or English Beech).

3 to 4 ft. . . . \$2.50 each. 4 to 5 ft. . . \$4.00 each
sylvatica pendula (Weeping Beech).

4 ft. \$6.00 each. 6 to 8 ft. . . \$10.00 each

— **purpurea** (Purple-leaved Beech).

3 to 4 ft. . . . \$5.00 each. 4 to 5 ft. . . \$7.50 each

FRAXINUS americana (White Ash). A splendid tall growing tree.

10 to 12 ft., $1\frac{1}{2}$ in. diam. \$3.00 each
12 to 14 ft., 2 in. diam. \$5.00 each

GINKGO biloba (Salsburia adiantifolia) (Maidenhair Tree). A remarkable tree of spreading growth in age. Deep green, thick leaves, similar in shape to those of the Maidenhair fern. Rapid grower and very hardy.

8 to 10 ft. . . . \$4.00 each. 10 to 12 ft. . \$5.00 each
12 to 14 ft. . . . \$6.00 each

LIQUIDAMBAR (Sweet Gum Tree). A native tree of rapid growth, beautiful Fall color.

4 to 6 ft. . . . \$2.50 each. 6 to 8 ft. . . \$4.50 each

LIRIODENDRON tulipifera (Tulip Tree). A noble looking pyramidal tree with clean trunk. Leaves are alternate and have long stalks.

6 to 8 ft. . . . \$2.50 each. 8 to 10 ft. . . \$4.00 each
10 to 12 ft. . . . \$5.00 each

MORUS pendula (Teas' Weeping Mulberry). A beautiful, hardy, ornamental tree; forms a perfect umbrella-shaped head.

5 to 7 ft., 1-yr. heads \$3.50 each
5 to 7 ft., strong, 2-yr. heads \$5.00 each

PAULOWNIA imperialis (Empress Tree). A tree with immense leaves and decidedly tropical appearance, bearing very large panicles of blue trumpet-shaped flowers.

6 to 8 ft. . . . \$3.00 each. 8 to 10 ft. . . \$4.00 each

PLATANUS orientalis (Oriental Plane). A superb tree of gigantic proportions, extensively used in Europe, for park, street and avenue planting.

8 to 10 ft., $1\frac{1}{4}$ in. diam. \$3.50 each
10 to 11 ft., $1\frac{1}{2}$ in. diam. \$6.00 each
11 to 12 ft., $1\frac{3}{4}$ in. diam. \$7.00 each

POPULUS carolinensis, syn. **monolifera** (Carolina Poplar). Rapid grower; very valuable for screening.

8 to 10 ft. . . \$1.50 each. 10 to 12 ft. . \$2.25 each
12 to 14 ft. . . \$3.00 each

fastigiata, or **dilatata** (Lombardy, or Italian Poplar). An ornamental and picturesque tree.

8 to 10 ft., 1 in. diam. \$2.00 each
10 to 12 ft., $1\frac{1}{2}$ in. diam. \$2.25 each
12 to 14 ft., $1\frac{3}{4}$ in. diam. \$3.50 each

QUERCUS americana rubra (American Red Oak). Beautiful tree of rapid growth.

8 to 10 ft., $1\frac{1}{2}$ in. diam. \$5.00 each
10 to 12 ft., 2 in. diam. \$8.00 each

palustris (Pin Oak). A superb and very distinct tree, with graceful drooping branches.

8 ft., $1\frac{1}{4}$ in. diam. \$5.00 each
8 to 10 ft., $1\frac{1}{2}$ in. diam. \$6.00 each
10 to 12 ft., 2 in. diam. \$8.50 each

SALIX babylonica (Babylonian, or Weeping Willow). A well known and graceful variety.

6 to 8 ft. . . . \$1.75 each. 8 to 10 ft. . . \$2.50 each
10 to 12 ft. . . . \$3.50 each

caprea (Pussy Willow).

3 to 4 ft. . . . \$1.00 each. 4 to 6 ft. . . \$1.50 each

elegantissima (Thurlow's Weeping Willow). Long, spreading branches, beautifully drooping.

6 to 8 ft. . . \$1.50 each. 8 to 10 ft. . . \$2.00 each
10 to 12 ft. . . . \$3.00 each

pentandra (Laurel-leaved Willow). Broad glossy dark green leaves.

4 to 6 ft. . . . \$1.00 each. 6 to 8 ft. . . \$1.50 each

SORBUS aucuparia (Mountain Ash). A fine tree, dense and regular; covered all Summer with great clusters of scarlet berries.

5 to 6 ft. . . . \$2.50 each. 6 to 8 ft. . . \$3.50 each

pendula (Weeping Mountain Ash).

6 ft. stems, 3-yr. heads \$5.00 each

TILIA argentea (White, or Silver Linden). Distinct ornamental shade tree.

8 to 10 ft., $1\frac{1}{4}$ in. diam. \$5.00 each
10 to 12 ft., $1\frac{1}{2}$ in. diam. \$6.50 each
12 to 14 ft., 2 in. diam. \$7.50 each

platyphyllos (Broad-leaved European Linden).

9 to 10 ft., $1\frac{1}{4}$ in. diam. \$4.50 each
10 to 12 ft., $1\frac{1}{2}$ in. diam. \$6.00 each
12 to 13 ft., 2 in. diam. \$7.50 each

vulgaris (European Linden).

10 to 11 ft., $1\frac{1}{2}$ in. diam. \$6.00 each
11 to 12 ft., $1\frac{1}{4}$ in. diam. \$7.50 each
12 to 14 ft., 2 in. diam. \$9.50 each
14 to 15 ft., $2\frac{1}{2}$ in. diam. \$14.00 each
Specimens \$15.00 to \$20.00 each

ULMUS americana (American White or Water Elm). Very tall growing and stately.

8 to 10 ft., $1\frac{1}{4}$ in. diam. \$4.00 each
10 to 12 ft., $1\frac{1}{2}$ in. diam. \$6.00 each
12 to 14 ft., 2 in. diam. \$8.00 each
14 to 15 ft., $2\frac{1}{2}$ in. diam. \$11.00 each

Marshall's Trained Fruit Trees

Specially Budded on "Dwarfing" Under Stocks

Trained fruit trees are grown to a far greater extent in European gardens than they are in this country, and we believe this is due more to the lack of production by American nurserymen, rather than a disinterestedness by private gardeners.

Previous to the Federal Horticultural embargo these trained fruit trees were imported from England and France, but during the embargo period, they have seemingly gone off the market—no American-trained trees being available.

We are sure many gardeners and amateurs will welcome our offer of trained trees in Apples, Pears, Peaches and Cherries at this time. They have been grown for us by one who has literally spent a lifetime on the "other side" in this very interesting work, and the shapely specimens express the care and skillful pruning to which they have been subjected.

Trained fruit trees should have a place in every garden. (In England they may be seen in both vegetable and flower gardens.) It is a simple matter to erect a "post and wire" paling to which they may be lightly tied or to a "wired wall," which is accomplished by driving wooden pegs into the wall at intervals of 1 foot each way, leaving 3-4 inches protruding, to which the galvanized wires are horizontally attached by staples. The "leaders" of the trees are carefully tied to the wires, by "figure of eight" loops of tarred twine or heavy raffia, which allows limited leeway and prevents chafing.

Styles of Trained Trees. We offer three distinct types of trees, namely. (1) Upright Single Cordon; (2) U-shaped or Double Cordon; (3) UU-shaped or Palmette-Verrier.

Grown on the post and wire method, Apples, Pears, Peaches and Cherries are very ornamental in the garden—indeed they make a useful and artistic wind screen and background to flower beds and borders, the highly-colored fruit adding further brightness to the general tone of the border.

They bear very considerable crops of splendidly colored, large fruit, without shading or otherwise interfering with the flowers or vegetable crops planted nearby; fruit is easily gathered and trees are readily manured and pruned.

The special "dwarfing" stocks upon which they are grafted prevent vigorous "lateral" growths, and by careful pruning they will develop fruit spurs over the complete length of the main stems, thus keeping the trees shapely and well provided with fruit.

The chief object in training fruit is to cover as large a surface as possible and at the same time to have the full strength of growth equally distributed throughout a given space. For this purpose we consider the "U-form" and the "Palmette-Verrier" the better adaptable. The branches that are trained vertically will bear fruit, large and better-formed, and more productively than trees that are allowed to grow at their ease.

It is a peculiar feature of a trained fruit tree how quickly and evenly it will develop fruit-bearing side branches that are short and symmetrical in growth. A trained fruit tree, grafted on the proper understock, easily demonstrates its character and its purposes as it takes only three years to develop fruit. Meanwhile, by encouraging the development of the lateral fruiting spurs (by stopping the lateral leaders) it is absolutely possible to determine three years in advance the amount of fruit the tree will bear, as the fruit branches may be so controlled to bear the same amount of fruit from year to year.



Single cordon Apple, 3-year-old, fruiting from the ground up

APPLES

BUDDED ON PARADISE

Single Cordons, \$3.50 each; U-shaped, \$6.00 each

Palmette-Verrier, \$10.00 each. Fall delivery only

Baldwin. Large, bright red, crisp, juicy and of rich flavor. Vigorous grower and very productive. Keeps well until April.

Delicious. Considered by many as the finest variety in cultivation. Fruit is large, dark red, crisp and luscious. Extremely hardy. Good keeper Oct-Feb.

Duchess of Oldenburg. Very large, roundish, streaked with red and yellow; whitish flesh; juicy; flavor sub-acid. An abundant bearer. Sept.

Fameuse. Medium size, roundish, oblate. Whitish ground striped with deep red. Flesh very white, juicy and pleasant. One of the most valuable. Nov., Dec.

Gravenstein. Large, striped and beautiful. Tender, juicy and highly flavored. Vigorous and productive. Sept., Oct.

McIntosh. Medium size, dark red. White flesh, tender, juicy and delicious. Nov.-Feb.

Rhode Island Greening. A superior apple for either table or kitchen. A fine yellow color when ripe. An abundant yielder. March-April.

TRAINED FRUIT TREES—Continued

CHERRIES

BUDED ON WILD CHERRY

U-Shaped. Price, each \$6.00

Palmette Verrier. Price, each \$10.00

Bigarreau. Very large fruits of light yellow shading to deep red. Firm and rich. Most vigorous grower. Hardy and abundant cropper.

Bigarreau Napoleon. Very large fruits shading yellow to deep crimson. A most prolific bearer and one of the best of all the Bigarreus.

Black Tartarian. Very large, sweet and good flavor. A noble looking Cherry and a great bearer.

Royal Windsor. Large live-colored fruits with firm flesh and of fine quality. A very prolific bearer and a valuable late variety.

PEACHES

BUDED ON MAHALEB PLUM

Wide U-shape, 30 in. wide, 3 to 4 ft. high, \$7.00 each

Champion. Large creamy white fruit with red cheek. Sweet, juicy and delicious flavor. Early August.

Crawford's Early. A large, yellow peach of fine quality. Strong grower and most prolific. Early September.

Elberta. The best known Peach and certainly one of the best in quality. Freestone. Large yellow with red cheek. Flesh yellow, firm and juicy. Early Sept.

Hiley. A smooth, large white peach with red cheek. In flavor it is rich and juicy. A good keeper. August.

PEARS

BUDED ON QUINCE

Single Cordon, 3 to 4 ft., \$3.50 each; U-shaped, \$6.00 each.

Palmette Verrier, \$10.00 each.

Anjou. One of the most popular pears grown. Very hardy and prolific. Yellowish green color. Juicy and luscious. Oct.-Jan.

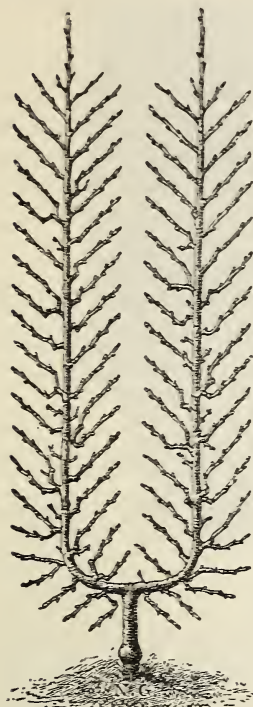
Bartlett. Large size with beautiful blush next to the sun. Very juicy and highly flavored. A strong grower, bearing early and abundantly. Sept.

Duchesse d'Angouleme. Very large with rough and uneven surface. Greenish-yellow with patches of russet and dull red cheek. A vigorous, strong grower and a good bearer even while quite young. Oct., Nov.

Flemish Beauty. A fine, hardy pear, with splendid crops of fruit of exceptional quality. Sept.-Oct.

Kieffer. Large yellow fruits with red cheeks. Juicy, brittle flesh of high quality. A fine pear. Oct.-Dec.

Seckel. Small size. A yellow russet with red cheek; whitish flesh; very juicy and melting. The richest and finest variety known. A most prolific bearer. Sept., Oct.



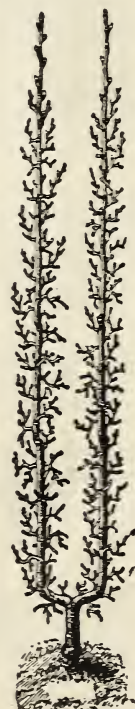
Wide U-Shape
(Peach trees only)



Single Cordons



Palmette-Verrier



U-Shaped Tree



FRUIT TREES

Planting.—Make the holes large enough to admit the roots without cramping or bending, and deep enough to set the trees to their natural depth. Fine surface soil should be used for covering the roots, and this should be carefully mixed among them. If the ground is dry, it is well to pour in some water when the hole is partially filled. See that the ground is firmly and solidly packed over all parts of the roots. Fill the holes full enough to be even with the surrounding surface after the fresh earth settles. Never use manure in contact with the roots

SUMMER VARIETIES

- *Early Harvest. Medium, yellow.
- *Red Astrachan. Small, red.
- *Yellow Transparent. Large, yellow.

- *Baldwin. Medium, red.
- Greening. Large, greenish.
- McIntosh. Large, red.

Prices on above standard trees. 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each; 1½-in., \$4.00 each. Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

APPLES

FALL VARIETIES

- Delicious. Yellow, striped red.
- Gravenstein. Large, yellow and red.
- Wealthy. Splendid red fruit.

WINTER VARIETIES

- *Northern Spy. Medium crimson.
- *Spitzenburg. Large, red.
- Winesap. Medium, red.

PEARS

- *Bartlett. Large, early.
- *Beurre d'Anjou. Large greenish russet, late.
- Clapp's Favorite. Large, August.
- Duchess. Large, late.

- Flemish Beauty. Large, Sept.
- Kieffer. Large, prolific. Oct.
- Seckel. Small, Oct.
- Sheldon. Good size. Oct.

Prices on above standard trees. 1-in. diameter, \$2.00 each; 1½-in., \$3.00 each. Varieties marked with a star (*) can be supplied in Dwarf trees at the above prices.

CHERRIES

- Black Tartarian. Sweet, late June.
- May Duke. Dark red, sour. June.

- Montmorency. Red, sour. June.
- Napoleon. Yellow, sweet. July.

Prices, 1-in. diameter, \$2.00 each; 1½-in. diameter, \$3.00 each.

PEACHES

- Belle of Georgia. White Freestone. July.
- Champion. White Freestone. Aug.
- Stump of the World. White Freestone. Sept.
- Mountain Rose. White Freestone. Aug.

- Early Crawford. Yellow Freestone. Aug.
- Late Crawford. Yellow Freestone. Aug.
- Elberta. Yellow Freestone. Aug.
- Carmen. White Freestone. Aug.

Prices of above, ½-in. diameter, 75c. each; ¾-in. diameter, \$1.00 each.

PLUMS

- Abundance. Large, red. August.
- Bradshaw. Large, dark red. August.
- Burbank. Crimson-purple. August.

- Coe's Golden Drop. Large, yellow, late.
- Lombard. Medium, violet. Sept.

Prices of above, 1½-in. diameter, \$2.00 each; 1½-in. diameter, \$3.00 each.

QUINCES

- Champion. Yellow. November.

- Orange. Golden. November.

Prices of above, ½-in. diameter, \$1.50 each; ¾-in. to 1-in. diameter, \$2.00 each.

SMALL FRUITS

BLACKCAPS

Black Diamond. Very large; ripens early; very sweet and of fine flavor. Pulp, few seeds.

Cumberland. Very large, glossy berries; firm, juicy and sweet. Heavy cropper.

\$1.25 for 10, \$5.00 per 100.

BLACKBERRIES

Eldorado. Medium size; jet-black; pleasant, melting flavor, sweet and rich. The vine is very hardy.

Kittatinny. Large; glossy black; sweet and juicy; excellent when fully ripe.

Strong plants, \$1.25 for 10, \$8.00 per 100.

CURRANTS

Fay's Prolific. A popular red Currant; very large and sweet. Productive.

Perfection. Bush vigorous, hardy and very productive; berries larger than Cherry, with large clusters; color bright red.

White Grape. An excellent white variety; of large size; very sweet.

Strong, 2-year-old bushes, \$2.25 for 5, \$4.00 for 10.

GOOSEBERRIES

Josselyn. Large red fruit.

Smith's Improved. Fruit greenish yellow.

Triumph. Fruit golden yellow.

2-year-old bushes, \$2.50 for 5, \$4.50 for 10.

Grapes

Brighton. Flesh rich, sweet and of the best quality; ripens early, with the Delaware. Very productive.

Caco. Large, wine red in color, bunches good size and extra good quality. Each, 1-year, 75c.; 2-year, \$1.25.

Champagne. Very large amber berry. Fine for dessert or making wine. Each, 2-year-old, 75c.

Concord. Fine black variety; splendid flavor; reliable and productive; one of the most popular.

Hubbard. Black, sweet and delicious. Berries and bunch large. 2-year-old. 75c. each.

Moore's Early. Bunch medium; berry very large, with heavy blue bloom; good quality.

Niagara. Bunch medium to large; berry large, roundish, uniform; skin thin, with a whitish bloom; flesh slightly pulpy; tender and sweet.

Extra strong, 2-year-old canes, 50c. each, \$4.50 for 10.

LOGANBERRIES

Fruit similar to the Blackberry; color dark bright red, excellent for table and canning. Strong plants, \$2.50 for 5, \$4.50 for 10.

RASPBERRIES

Cuthbert. Deep, rich crimson.

Golden Queen. Large, amber-color, firm; fine quality. Remarkably productive.

Herbert. Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat.

St. Regis (Perpetual). Bright crimson; large berries all through Summer and Fall.

The above varieties are strong plants, 2-year old, \$1.25 for 10, \$5.00 per 100.

La France. The giant everbearing red Raspberry. Strong canes, \$2.00 for 10, \$15.00 per 100.

The Latham. Without doubt the best red Raspberry to plant today. Berries large in size and a rich red color, maturing very early. Canes hardy in northern latitudes. \$2.00 for 10, \$15.00 per 100.

Strawberry Plants

For full description see our Fall Catalog

Barrymore, Brandywine, Campbell's Early, Gandy, Glen Mary, Hundred Dollar, Joe, McKinley, Marshall, New York, Nick Ohmer, Premier, Success, Stevens' Late Champion.

Layer plants of above, 60c. for 25, \$2.00 per 100.

Chesapeake, Early Jersey Giant, Lupton, Howard, No. 17, John H. Cook, William Belt.

Layer plants, 75c. for 25, \$2.50 per 100.

Bushel Basket, Edmund Wilson, St. Martin, Pearl. Layer plants, \$1.25 for 25, \$4.00 per 100.

EVERBEARING STRAWBERRIES

If planted in Spring, a good crop of fruit will be picked in Fall.

Progressive. \$1.00 for 25, \$3.00 per 100.

Francis, Ideal, Superb. \$1.25 for 25, \$4.00 per 100.

Lucky Boy. \$2.00 for 25, \$6.00 per 100.

POT GROWN STRAWBERRIES

We can supply Pot Grown Plants for delivery in July, August and September. These plants will give a good crop of berries the following year. A list of varieties and prices will be found in our Fall Catalog. Copy sent on request. *Pot grown plants are shipped by express only.*

Deciduous Hedge Plants

BERBERIS Thunbergii (Japanese Barberry). 9 to 12 in., 2 year old, 25 for \$5.00, 100 for \$18.00; 12 to 18 in. 3 year heavy, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 2 year old, 25 for \$11.00, 100 for \$40.00; 18 to 24 in., 3 year heavy, 25 for \$16.00, 100 for \$60.00.

LIGUSTRUM Ibot (New Japanese Privet). Large, glossy, distinct foliage. 1½ to 2 ft., bushy, 25 for \$5.50, 100 for \$20.00; 2 to 3 ft., bushy, 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., bushy, 25 for \$10.00, 100 for \$35.00.

ovalifolium (California Privet). Large, glossy, dark green foliage; one of the most popular hedge plants. Rugged and enduring in almost any situation; retains its foliage until late in Winter. 1½ to 2 ft., bushy, 25 for \$2.50, 100 for \$8.00; 2 to 3 ft., bushy, 25 for \$3.50, 100 for \$12.00; 3 to 4 ft., bushy, 25 for \$4.00, 100 for \$15.00.

amurense (Amoor River Privet). Large, oblong, glossy green foliage and clusters of white, fragrant flowers; half evergreen. A variety of sterling merit; useful for hedges. 2 to 3 ft., 25 for \$7.00, 100 for \$25.00; 3 to 4 ft., 25 for \$11.00, 100 for \$40.00.

Horticultural Tools and Requisites

APRONS, Gardener's Waterproof, with bib; 34 in long, 26 in. wide. Each \$1.50.

Gardener's. Blue drill with bib. Each \$1.25.

Gardener's Rubber. Extra heavy, each \$4.00.

English Blue Serge. Each \$3.50.

English Blue Serge. With bib and pocket. Each \$4.00.

ASPARAGUS BUNCHER.

Useful on all private estates.

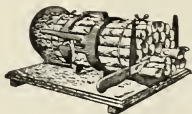
It will not bruise the grass,

is easily and quickly adjusted

to any length. Double band

springs and knife guard.

Each \$4.50.



ASPARAGUS KNIVES, English. Each \$3.50.

ASPARAGUS KNIVES, American. Each 50c.

AXES, Felling. With handle, \$3.00 to \$3.50.

BASKETS, Garden and Farm. See page 116.

Hanging, Wire. Painted, 8 in. 35c., 10 in. 40c.,

12 in. 50c., 15 in. 60c., 18 in. \$1.00, 21 in. \$1.35 each.

BELLOWS, Duster No. 600. Made with 12 in

handles and cone-shaped distributor. Each \$1.75.

BELLOWS, Powder.

Small, Single Cone.

Each \$3.00.



Large, Single Cone.

Each \$5 00.

Double Cone.

Each \$6.50.



"Jumbo" Powder Gun. Each 40c.

BIRD HOUSES (Rustic). See page 99.

BLAKE'S LEVER CLIPS. For fastening Rose wires.

Per box of 500, \$1.75.



BULL DOG CLIPS. Useful for fasten-
ing paper to pot plants, etc. Box of
1000 \$1.00.

BOXES, Corrugated. Extra strong for shipping cut
flowers.

Length	Width	Depth	Doz.	100
24 in.	8 in.	4 in.	\$4.00	\$30.00
28 in.	8 in.	5 in.	4.50	35.00
30 in.	12 in.	6 in.	5.00	40.00
36 in.	12 in.	8 in.	7.00	55.00
48 in.	14 in.	8 in.	9.50	70.00

Extra staples, 25c. per 100.

BOXES, Folding. For cut flowers. Made of strong
cardboard.

No.	Length	Width	Depth	Doz.	100
No. 2	18 in.	5 in.	3 in. deep	\$0.75	\$4.00
No. 5	21 in.	7 in.	3½ in. deep	1.00	6.00
No. 8	24 in.	8 in.	4 in. deep	1.50	8.00
No. 11	28 in.	8 in.	5 in. deep	2.00	12.00
No. 19	36 in.	8 in.	5 in. deep	2.50	15.00

BOXES, Flower, Fiber or Leatheroid. Used for

shipping cut flowers or fresh vegetables by express.

Lock and keys with each case. Each

30 in. x 14 in. x 16 in. with 3 wicker trays... \$45.00

34 in. x 15 in. x 16 in. with 3 wicker trays... 47.50

38 in. x 16 in. x 16 in. with 3 wicker trays... 50.00

BROOMS, Birch. For lawns. Each 75c.

Barn or Floor. Corn with rattan center. Each

\$1.60.

Kongo. Coir bass. Made with coir fiber. Illus-

trated page 94. Each \$2.00.

Rattan. Similar to birch broom. Useful for lawns.

Each, \$1.00.

Rattan Stable or Push. 16 in., extra quality.

Each \$2.00.

Tennis Court. Made with fiber, 36 in. long, for

dragging dirt courts. Each \$6.00.

BRUSHES, Flower Pot, Cone-Shaped. Made of

bristle, wood handle. Each \$1.75.

BRUSH HOOKS. With handle. Each \$3.00.

BURLAP. For Winter covering. In 36 or 42 in.

widths, per yard 25c.; 48 in. wide, per yard 30c.

Price subject to market change.

CANES, Bamboo.

	Doz.	100	1000
Green, 1 ft.	\$0.10	\$1.00	\$6.50
Green, 1½ ft.	.10	1.00	6.50
Green, 2 ft.	.15	1.00	7.00
Green, 2½ ft., Japanese	.15	1.00	7.00
Green, 3 ft., Japanese	.20	1.25	10.00
Green, 3½ ft.	.20	1.35	12.00
Green, 4 ft., Japanese	.20	1.50	12.00
Green, 5 ft., Japanese	.25	2.00	15.00
Natural, 6 ft., Japanese	.30	2.00	16.00
Japanese, heavy, 8 ft.	.50	4.00	35.00
Japanese, heavy, 10 ft.	.60	5.00	40.00

CANES, Chinese Bamboo.

	100
4 ft. long, ¼ in. diam.	\$2.00
4 ft. long, ½ in. diam.	4.00
6 ft. long, ¾ in. diam.	7.00
8 ft. long, ¾ in. diam.	8.00
9 ft. long, ¾ in. diam.	16.00
6 ft. long, 1½ in. diam. for Dahlias; doz.	\$4.50 35.00

Chinese Bamboo Canes can be supplied dyed green
at a small additional cost.

CARNATION BANDS, Rubber.

30c. per oz.

CARNATION STAPLES. For split Carnations.

1000 50c.

Cokely's Staples. \$1.00 per 1000.

Cokely's Pliers for the above. Each \$3.00.

CARNATION SUPPORTS.

"Model Extension." Made with strong galvanized

wire, neat and durable. Doz. 100

Wire, 2 ring... \$1.25 \$7.50

Wire, 3 ring... 1.25 \$8.50

CARTS, "Handy" Garden. See page 95.

CELERY BLEACHERS. 6½ x 13 in.

Doz. 60c., 100 \$4.50.

7 x 14 in. Doz. 70c., 100 \$5.00.

Celery Handler for above. Each

\$1.50.



CELERY BLEACHING PAPER. Flex-

ible, odorless and waterproof, in rolls

of 100 ft. 12 in. wide. Per roll, in-

cluding 25 42-in. wire arches, \$5.00.

Roll holders, each \$1.50.

CEL-O-GLASS. A high-grade substi-

tute for glass. Adapted for coldframes,

hotbed, sash, etc. Made with wire

mesh cloth, transparent and indestructible. In

rolls 36 in. wide and any length desired. Per sq. ft.

25c. In rolls of 300 sq. ft., 18c. per ft.

COTTON BATTING. Large sheets, 40x40 in. Doz

sheets \$1.00.

CORK BARK. For rustic work. Lb. 40c.

CORN PLANTERS. The "Segment" is a light, but

strong and efficient hand planter. Each \$2.75.



CUCUMBER GLASSES, English. Each \$2.50

CULTIVATORS. (See pages 94, 98, 99).

CUT WORM BANDS. Made with cardboard to

place around the young plant. 100 30c., 1000 \$2.50.

DIBBLES. Iron point, with

wood handle, for transplanting.

Small, 65c.; large, 75c.

DIRT BANDS, Harris Square

Locked. Used for transplanting

seedling plants. (See page 99).

No. 1¼ B, size 1¼x1¼, depth 2½ in. \$0.50 \$3.50

No. 2 B, size 2x2, depth 2½ in. .60 4.00

No. 3 B, size 3x3, depth 3 in. .70 5.00

No. 4 B, size 4x4, depth 3 in. .75 5.50

DUST GUNS. (See page 108 and 109).



HORTICULTURAL TOOLS AND REQUISITES—Continued

FIBER. Peat in bales. Each \$1.50 and \$5.00.

FLATS, Greenhouse. Made with wood. 3 in. deep. 12 in. wide, 20 in. long. Doz. \$3.50, 100 \$25.00.

FLOWER POTS, "NEPONSET."

Made of waterproof paper and are light, clean and unbreakable.

	Doz.	100	1000
2 1/4 in.....	\$0.10	\$0.60	\$5.50
2 1/2 in.....	.10	.70	6.00
3 in.....	.15	1.00	8.00
3 1/2 in.....	.15	1.20	11.00
4 in.....	.25	1.60	14.00
5 in.....	.40	2.20	20.00
6 in.....	.60	3.00	26.00

**FLOWER POTS, Standard Earthenware.**

We pack carefully but are not responsible for breakage in transit. All earthenware pots are shipped by freight only.

Inside Measurements				
Size	Each	Doz.	100	1000
2 in.....	\$0.02	\$0.20	\$1.30	\$12.00
2 1/4 in.....	.02	.25	1.60	15.00
2 1/2 in.....	.03	.30	2.00	17.00
3 in.....	.04	.40	2.50	22.00
4 in.....	.06	.60	4.00	35.00
5 in.....	.08	.80	6.50	60.00
6 in.....	.12	1.25	10.00	95.00
7 in.....	.25	2.50	16.00	
8 in.....	.35	3.50	24.00	
9 in.....	.50	5.00	40.00	
10 in.....	.80	7.00	50.00	
12 in.....	1.20	13.00	100.00	

**AZALEA POTS.**

Wide	Deep	Each	Doz.	100
6 in.	4 1/2 in.....	\$0.15	\$1.30	\$10.00
7 in.	5 in.....	.25	2.50	15.00
8 in.	6 in.....	.30	3.00	22.00
9 in.	7 in.....	.50	5.00	40.00
10 in.	8 in.....	.70	7.00	50.00

ROUND BULB or LILY PANS.

Wide	Deep	Each	Doz.	100
6 in.	3 1/4 in.....	\$0.15	\$1.50	\$10.00
7 in.	4 1/8 in.....	.25	2.50	15.00
8 in.	4 in.....	.30	3.00	22.00
9 in.	4 1/4 in.....	.50	5.00	40.00
10 in.	4 1/2 in.....	.60	6.00	45.00
12 in.	4 3/4 in.....	1.00	10.00	80.00

FLOWER POTS, Fiber. Useful for seedlings, Sweet Peas, etc. Can be set out with plants growing in them. (Illustrated on page 115.)

	Doz.	100	1000
No. 2 size, 2 in.....	\$0.60	\$3.00	\$20.00
No. 4 size, 4 in.....	.70	4.00	25.00
No. 5 size, 5 in.....	.90	5.00	35.00
No. 6 size, 6 in.....	1.10	6.50	50.00

FLOWER POT SAUCERS, Earthenware.

Size	Each	Doz.	Size	Each	Doz.
4 in.....	\$0.04	\$0.40	9 in.....	\$0.14	\$1.40
5 in.....	.05	.50	10 in.....	.17	1.70
6 in.....	.06	.70	11 in.....	.22	2.20
7 in.....	.10	.90	12 in.....	.28	2.70
8 in.....	.12	1.10	14 in.....	.40	4.00

**FLOWER POT SAUCERS, Fibre.**

Fine quality; Mahogany finish.

Size	Depth	Each	Doz.
5 in.....	5/8	\$0.25	\$2.50
6 in.....	5/8	.35	3.50
8 in.....	5/8	.50	5.00
10 in.....	5/8	.75	7.50
12 in.....	5/8	.90	9.00
14 in.....	5/8	1.20	12.00
14 in.....	1 1/4	1.50	16.50
16 in.....	1 1/4	1.75	18.00
18 in.....	1 1/4	2.50	24.00

FLOWER VASES, Fiber and Metal. (See page 95.)

**FORKS.**

Digging or Spading, "Keen-Kutter." Each

4-tine, long or short handle.....\$2.50

English, 4 square tine, short handle..... 3.50

Best Steel. 4-tine, long or short handle..... 2.25

Manure. 4-tine, short handle..... 2.50

5-tine, short handle..... 3.00

4-tine, long handle..... 3.00

Transplanting, Johnson's. 3 tine, length over all 11 in. Each 60c.

Transplanting. English make. A very superior, high grade tool.

Short handle..... .85

Long handle..... 1.25

FROST PROOF PLANT PROTECTORS. (Page 96.)

FRUIT PICKERS. Galvanized wire, "Perfect."

Each 60c.

Bamboo Extension Poles for above, 12 ft., in three sections. Each \$1.00.

FUMIGATOR, SULPHUR, Campbell's Patent.

Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring the foliage.

No. 1, for houses up to 5,000 cu. ft., each \$7.50

No. 2, for houses up to 10,000 cu. ft., each 10.50.

Glass Balls for above, each 10c.

Yellow powder for above. Per can 25c.

Metal containers for above. Each \$4.00.

FUMIGATOR, X. L. Lamp and stand, \$2.00.

Glass lamps, separate, each 60c. Extra wicks, each 10c.

GARDENER'S GLOVES, Hog Skin. With or without gauntlets. Per pair \$1.75.

Horse Hide. Best quality. Per pair \$2.00. With

gauntlets, per pair \$2.25.

GARDEN LINES. Finest braided hemp. 100 ft.

\$1.75, 200 ft. \$3.50.

GARDEN PENCILS. Indelible black. Each 15c.**GARDEN REELS** for above of wrought iron.

Small \$1.75; large \$3.00.

GLASS CUTTERS.

"Red Devil." No. 023, 25c.; No. 3 in 1, 60c., No. 45, with 6 extra cutters 75c.

Diamond. High quality finish. Each \$7.50.

GLASS FOR GLAZING SASH. Box of 50 sq. ft.

Market price.

GLASSES, Magnifying. Each \$1.00.**GLASS CLOTH.** For using on hotbeds or sash in

place of glass. 36 in. wide, 1 to 10 yards, 45c. per

yard; 11 to 25 yards, 40c. per yard; 25 to 50 yards

38c. per yard; 50 to 100 yards, 35c. per yard.

GLAZING POINTS, "Peerless." 1000 80c.**GLAZING POINT PLIERS** for the above. Each 60c.**GLAZING POINTS, Zinc.** 3/4 in. or 1/2 in. Box 60c.**GRAFTING WAX.** For grafting cuts and bruises

on trees. 1/4 lb. 20c., 1/2 lb. 30c., lb. 50c.

GRAPE BAGS, Paper. Made with patent metal

clasp. 100 75c., 1000 \$6.00. With string, 100

\$1.50, 1000 \$12.00.

GRASS EDGING KNIVES.

See knives. (Page 89.)

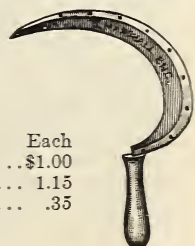
GRASS HOOKS or SICKLES.

Best English welded back. Each

No. 2, medium.....\$1.00

No. 3, large..... 1.15

American, large size..... .35

GRASS SHEARS. See Shears.

HORTICULTURAL TOOLS AND REQUISITES—Continued

GRINDSTONES. (See page 117.)

HAMMERS, GARDEN. With claw. Each \$2.00.

HAMPERS, Willow. For shipping vegetables. Furnished with rod, lock and two keys.

Size 24 x 14 x 14 in. \$15.00

Galvanized metal lined. 23.00

Size 26 x 15 x 15 in. 16.50

Galvanized metal lined. 26.00

Size 28 x 16 x 16 in. 17.00

Galvanized metal lined. 28.00

HARROWS. (See page 117.)

HATCHETS. With claw. Each \$2.00.

HEDGE TRIMMER. (See page 97.)

HOES, DRAW. With handles. 5 in. \$1.00, 6 in. \$1.10, 7 in. \$1.20, 8 in. \$1.30.

HOES, SCUFFLE, or DUTCH. English make.

Handles, 50c. extra.

4 in. \$1.00 8 in. \$1.40

5 in. 1.10 9 in. 1.50

6 in. 1.20 10 in. 1.60

7 in. 1.30 12 in. 1.75



HOES, American Scuffle. 7 in. with handles, \$1.35.

HOES, WARREN. Heart-shaped, 7½ in., \$1.75.

HORSE BOOTS. For lawns; made of heavy leather. Medium size, set of four, \$18.00; large size, \$20.00.

Baker's Metal. (See page 104.) \$10.00.

HOSE BANDS. Made of brass wire. For putting on couplings. Doz. 35c.

HOSE PLIERS for the above. Each 50c.

HOSE CLAMPS. Bolt pattern. Doz. 60c.

HOSE COUPLINGS. Brass for ½ in. or ¾ in. hose. Each 20c.

Clincher Style. ½ in. or ¾ in. Each 30c.

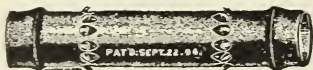
Rain King. Quickly snaps on without turning. Each 60c.

HOSE CONNECTION. Gooseneck for connecting hose to faucet. Each \$1.00.

HOSE CONNECTION. Siamese. For connecting two leads of hose. Each \$1.25.

HOSE HOLDER. Gem. For holding hose when watering. Each 30c.

HOSE HYDRANT ATTACHMENT. Used for connecting hose to smooth faucets. Brass, each 35c.



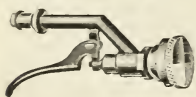
HOSE MENDERS. Each Doz.

"Cooper's." (See cut.) Brass, ½ or

¾ in. \$0.15 \$1.50

"The Perfect Clinching." ½ or ¾ in.20 2.00

HOSE NOZZLES



"Aquamatic." For sprinkling gardens, washing automobiles, etc. Wastes no water. Spray or stream. Each \$2.00. Nozzles only, each 40c.

"Gem," or "Graduating." ¾ in. hose. Can be regulated to give three different streams. Each 60c.



Hose Rose. Made with brass for ¾ in. hose. 3-in. face \$1.50, 4-in. face \$1.75.

Magic Spray Pipe. A spray, stream or shutoff combined. All brass. Each \$1.00.

"Newport or Knox." Fine for spraying under the foliage or sprinkling. Each \$1.50.

Rain King. Coarse or fine spray with only a slight turn of nozzle. Each \$1.50.

HOSE NOZZLES—Continued



Stott's. A favorite among Rose growers. Single spray, each \$1.75, double spray \$3.00.

"The Boss." Spray or stream, with shutoff. Each \$1.10.

"Water Gun." A combined hose nozzle and lawn sprinkler. Makes a solid stream or spray. Each \$1.50.

HOSE, RUBBER.

Per foot

"Marshall." ½ in., braided. \$0.20

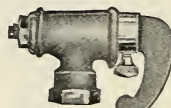
"Marshall." ¾ in., braided.21

"Electric." ½ in.21

"Electric." ¾ in.23

Special Spray Pump Hose. ½ in.30

HOSE NOZZLES FOR SPRAY PUMPS.



Bordeaux



Vermorel

"Bordeaux," Adjustable. Each \$1.25.

"Vermorel." A fine spray. Each \$1.15.

Kant Clog Nozzle. Each \$1.10.

Mystry, Jr. A fine spray. Each \$1.25.

HOSE REELS. Made with tubular iron; strong and durable.

No. 10. For 100 ft., ¾ in. hose.

Each \$6.00.

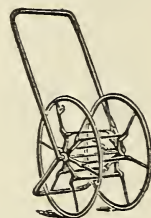
No. 20. For 150 ft., ¾ in. hose.

Each \$6.75.

No. 31. For 500 ft., ¾ in. hose.

Each \$18.00.

HOSE REEL. Victor. All metal steel frame, 9-in. corrugated steel drum. For 100 feet of hose. Each \$3.50.



HOSE REEL. "Easy." Holds 375 ft. ¾ in. hose. All metal. Each \$3.00.

HOSE WASHERS. ¾ in. Doz. 10c., 100 50c.

HURDLES. Portable wooden. (See page 117.)

HYACINTH STAKES. Dyed green.

12 in. long. 100 35c., 1000 \$3.00.

18 in. long. 100 40c., 1000 \$3.50.

INK. Indelible for Zinc Labels. Bottle 30c.

KEEP OFF THE GRASS. Enameled metal sign. Each 50c.

KNEELING PADS. Made with sponge rubber. Size 15x7 in. Each \$1.50.

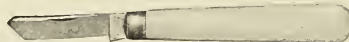
KNIVES, ASPARAGUS, American. Each 50c.

KNIVES, ASPARAGUS, English. Each \$3.50.



KNIVES, CORN. Forged steel. Each 75c.

KNIVES, BUDDING.



Each
American. No. 1687. Sharp point, brass lined \$3.50
American. No. 1697. Round point, brass lined 5.00
American. No. 1707. Round point, long handle, brass lined. 4.00
American, two blades, brass lined. 2.00
American. No. R156S. Florists, sharp point, cocobolo round handle 4 in. long. 1.25
(Knives Continued on page 89.)

HORTICULTURAL TOOLS AND REQUISITES—Continued

KNIVES—Continued



- English, I. X. L. 7956B. Ivory handle, brass lined, sharp point..... 5.00
 English, I. X. L. 7956B.S. Ivory handle, brass lined, round point..... 5.00
 English, I. X. L. 7954. Two blades..... 4.00
 English, No. 0217, coco handle, round point 3.00
 English, No. 217, ivory handle, round point... 4.00
 German, Henckels, No. 727 W. Two blades. 2.00
 Dahlia Knife. For dividing tubers, blade $3\frac{1}{2}$ in. long. Each \$2.00.

KNIVES, PRUNING.

- American, No. R70S, coco handle, medium size..... 1.50
 American, No. R3S53, stag handle, two blades. 2.00
 American, No. R160S. Blade $2\frac{1}{2}$ in. Cocobola handle, 4 in. long..... 1.25
 American, Allen's Metal Handle, 3 in. blade. 1.00
 American, Keen Kutter, large size, wood handle, curved blade..... 1.50

- English, No. 796, stag handle, small size, one blade. Each \$3.00.



- English, No. 928, stag handle, large size, one blade. Each \$3.25.



- German (Henckels). No. 796, stag handle... \$2.00

KNIVES, EDGING.

- English. Best steel, handles 50c. extra; 8 in. \$2.25; 9 in. \$2.50.
 American. With handles. Each \$1.50.



LABELS, POT and GARDEN, Wooden.

- | | |
|---|---------------------------------------|
| Painted 100 1000 | Painted 100 1000 |
| 4x $\frac{5}{8}$ in....\$0.30 \$2.25 | 6x $\frac{5}{8}$ in.....\$0.50 \$3.00 |
| 4 $\frac{1}{2}$ x $\frac{5}{8}$ in.. .35 2.50 | 8x7/8 in..... 1.00 8.50 |
| 5x $\frac{5}{8}$ in.... .40 2.75 | 10x7/8..... 1.25 10.00 |
| | 12x1 $\frac{1}{8}$ in..... 1.50 13.00 |

"Indestructo." A superior, ever-lasting label made of copper metal. The name desired is permanently written with a metal stylus supplied in each box.



No. 1

- 100
 No. 1. $\frac{3}{4}$ x3 $\frac{3}{4}$ in. \$1.50
 No. 2. 1 $\frac{1}{4}$ x5 in. 2.25



No. 2

- LABELS, TREE, Copper Wired. $3\frac{1}{2}$ in. Painted. 100 50c., 1000 \$3.00.

- LABELS, HANGING, Celluloid, with copper wires, $3\frac{1}{2}$ in. long by 11-16 in. wide. Doz. 20c., 100 \$1.00. $3\frac{1}{2}$ in. long, $1\frac{1}{2}$ in. wide. Doz. 75c., 100 \$5.00.

- LABELS, POT, Celluloid. 5 in. long, $\frac{3}{4}$ in. wide. Doz. 60c., 100 \$3.50; 6 in. long by 1 in. wide, doz. 70c., 100 \$5.50.

- LABELS, SEERITE. A round glass label holder, with $4\frac{1}{2}$ in. wooden peg to go in ground. Box of 8 for \$1.00.

- LABELS, The Simplex. Waterproof Doz. 100
 No. 1. 3x $\frac{1}{2}$ in.....\$0.55 \$3.00
 No. 2. 4x $\frac{3}{4}$ in..... .75 5.00
 No. 3. 5x1 in..... 1.00 7.00

- Simplex Garden. With iron stake 24 in. long and metal ticket holder. Doz. \$3.00, 100 \$25.00.

- LABELS, TREE or GARDEN, Zinc. Per 100:
 No. 1...\$3.00 No. 5...\$3.50 No. 13...\$1.50
 No. 2... 3.00 No. 6... 1.50 No. 15... 2.00
 No. 4... 3.00 No. 7... 1.50 No. 21... 2.00
 Ask for shapes and Sizes.

INDELIBLE INK. For above. Bottle 30c.

LADIES' TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

LAWN CLEANERS. (See page 104.)

LAWN EDGERS. (See pages 99, 104.)

LAWN ROLLERS. (See page 104.)

LAWN SPRINKLERS. (See pages 110, 111.)

LAWN RAKES. (See Rakes.)

LAWN MOWERS. (See pages 100 to 103.)

LAWN MOWER SHARPENING COMPOUND. Per can, 60c. (See page 105.)

LAWN MOWER SHARPENER, "Bergman." Each \$1.00. (See page 105.)

LAWN SWEEPERS. (See page 104.)

LEAF-MOULD. 1 barrel bag, \$2.00.

LINES. (See Garden Lines.)

MASTICA. For reglazing greenhouses. Qt. 90c., gal. \$3.00

MASTICA GLAZING MACHINE. Each \$3.50.

MATTOCKS.

"Oak Leaf."

Hoe, $4\frac{1}{4}$ in.

Cutter, 3 in.

Each \$1.50.

Handles, 50c.



MATS, FROST-PROOF, Burlap. These mats are 76x76 in. square and made of strong burlap filled with cotton. Each \$3.75, doz. \$44.00. Size 40x76 in., each \$2.75, doz. \$32.00.



MATS, Hotbed. Waterproof one side, burlap on other. 40x76 in., each \$3.50, doz. \$37.00; 76x76 in., each \$6.00, doz. \$67.00.

MATS, Milo Waterproof. Made from heavy burlap, felt and absorbent pulp, cemented together with a special waterproof compound. Impervious to rain, proof against frost and repellant to rats and mice. Size 80 by 78 in. Each \$4.50, doz. \$50.00.

Straw. Made with rye straw, 3x6 ft. Doz. \$20.00. 6x6 ft. doz. \$40.00.

MELON NETS. English make. Doz. \$2.50.

MOLE TRAPS.

Schroeter Improved. Low built and self setting. Each \$2.25.

"The Reddick." Each \$1.50.

MO-LO. A preparation for destroying moles. Pkg. 25c.

MOSS, SPHAGNUM, Live. For orchids. Bag \$2.50.

For packing, 5-bbl. bale, \$4.00.

Green, in sheets. Bag \$4.50.

Dyed Green, in sheets. Bag \$7.00.

NAILS, English Wall. $1\frac{1}{2}$ in. Chandler's patent with lead tip to turn over vine. About 40 nails to lb. Lb. 70c.

Cast Iron. $1\frac{1}{2}$ in. About 140 nails to pound. Lb. 20c.

NETTING, Bird, for Strawberry beds, etc.; 20 or 30 ft. wide. Per lb. \$2.50; 1 lb. will cover 200 sq. ft.

NOZZLES. (See Hose Nozzles.)

OIL CANS. For lawn mowers, etc., brass bottom, 30c.

PAPER.

Kraft. Sheets 40x48 in. or 30x40 in. Per lb. 15c.

Kraft. Rolls 18 in. or 24 in. wide. Per lb. 15c.

Tissue. Ream (480 sheets.) 24x36 in. \$2.00.

Waxed Tissue. Ream (480 sheets), 24x36 in., \$3.50.

Coarse. For parceling. Lb. 16c.

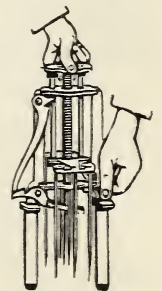
Prices of paper are subject to change.

PEAT MOSS. Small bale \$1.50, large bale \$5.00

PEAT, Rotted. 1-bbl. bag \$2.25.

PEAT, Orchid. 1-bbl. bag \$2.75.

PENCILS, GARDEN. For labels. Each 15c.



HORTICULTURAL TOOLS AND REQUISITES—Continued

PICK MATTOCKS, "Oak Leaf."

Hoe $4\frac{1}{4}$ in.
Pick $8\frac{1}{2}$ in.
Each \$1.50.
Handles 50c.



PICKS. Pointed both ends. Each \$1.50, handles 50c.

PLANET JR. CULTIVATORS. (See pages 89, 90.)

PLANT GUARDS. To protect plants against cutworms, etc. 100 30c., 1000 \$2.50.

PLANT PROTECTORS. For Tomato or Egg Plants; wire with cotton covering. Each 25c., doz. \$2.50. (See also Page 96.)

PLANT SPRINKLERS. (See Sprinklers.)

PLANT STAKES. Round, green, tapering (light).

	Each	Doz.	100
$1\frac{1}{2}$ ft.....	\$0.05	\$0.50	\$3.00
2 ft.....	.06	.60	4.00
$2\frac{1}{2}$ ft.....	.08	.80	6.00
3 ft.....	.11	1.10	8.00
$3\frac{1}{2}$ ft.....	.13	1.35	10.00
4 ft.....	.17	1.75	12.00

Round, green, tapering (heavy).

4 ft.....	.25	2.25	16.00
5 ft.....	.27	2.75	18.00
6 ft.....	.30	3.00	22.00

BEAN POLES. Cedar, pointed, 8 ft. to 9 ft. Doz. \$3.50, 100 \$26.00.

DAHLIA POLES. Heavy, round, green; tops painted white. Each Doz. 100

3 ft.....	\$0.20	\$2.00	\$12.50
4 ft.....	.25	2.50	16.00
5 ft.....	.27	2.75	18.00
6 ft.....	.30	3.00	22.00

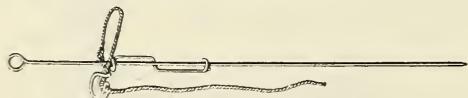
DAHLIA STAKES. Extra heavy. 1 in. square at bottom tapering to $\frac{3}{4}$ in. at top, painted.

	Doz.	100
5 ft.....	\$3.50	\$26.00
6 ft.....	4.50	32.00

GALVANIZED WIRE, for Roses, etc. Plain or Anchored. No. 9 wire.

	100	100	100
$2\frac{1}{2}$ ft... \$2.50	$3\frac{1}{2}$ ft.... \$3.50	$4\frac{1}{2}$ ft.... \$5.00	
3 ft... 3.00	4 ft.... 4.00	5 ft.... 5.50	

PLANT SUPPORTS. (See page 105.)



PLANT SUPPORT. The Timesaver. A galvanized iron stake with adjustable clip and fiber twine. Adapted for all kinds of flowers or shrubs. No. 2. 3 ft., doz. \$1.00; No. 3. 4 ft., doz. \$2.20; No. 4. 5 ft., doz. \$2.75.

PLOWS. See our Farm Implement Catalogue. (Sent on request.)

PLIERS. Side cutting, 6 in. \$1.50; 7 in. \$2.00.



POST HOLE DIGGER. The blades are 9 in. long and the handles 5 ft. long. Each \$2.50.

POT HANGERS. Wire. Each 20c., doz. \$2.00.

POTATO HOOKS. Broad, round prongs. 4-prong \$1.50, 5-prong \$1.75.

POTS. (See Flower Pots, page 87.)

POWDER DUSTER. For Slug Shot. Each 75c.

POWDER GUNS. (See pages 108, 109.)

Double Barrel Dust Gun. Each 75c.

"Jumbo." Each 40c.

"Leggett's Little Giant." Each \$12.00.

"Leggett's Champion Duster." Each \$16.00.

POULTRY SUPPLIES. (See pages 112, 113, 114.)

PROTECTING CLOTH. Valuable for protecting early plants from frost. Pieces contain from 40 to 60 yards.

Heavy Grade. By piece of 50 yds., per yd. 35c.

Medium Grade. By piece of 60 yds., per yd. 30c.

PRUNER, or Lopping Shears.

Double Cut. Handles 30 in. long. Each \$2.75.

Handy Andy. A small lopping shear, 14 in. long. Very useful for small work. Each \$2.00.

"Keen-Kut-

ter." Han-

dles 22 in.

Curved

blade. Each

\$3.50.

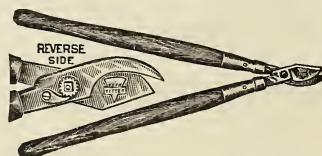
Eagle Lop-

ping Shear.

20-in. handle

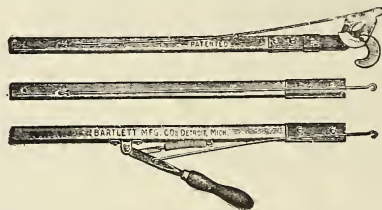
Each \$2.00.

Rhodes'. Cuts on both sides and does not bruise the bark. Length 26 in. and 36 in. Each \$6.50.



PRUNERS, TREE.

Bartlett Compound Lever. Does double the work of any other pruner with less exertion. 10 foot. Each \$5.50. Extra blades 50c.



Bartlett No. 1 Jointed Tree Trimmer. A new and very efficient tree trimmer and pruner. The pole is made in sections of four feet each enabling the user to have a selection of an 8 ft., 12 ft. or 16 ft. pruner. Superior quality throughout. No. 1. 16 ft. jointed pruner. Each \$8.50

Little Giant Prun-

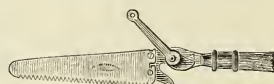
er Hook and

Saw Combined.

Attaches to pole

of any length.

Each \$3.50.



Waters' Patent. (Keen Kutter manufacture.) 8 foot handle, \$2.75; 10 foot handle, \$3.00; 12 ft. handle, \$3.25. Extra blades, 30c. each.

PUMP, "The Kinney." For distributing water and liquid manure through the hose at the same time. Each \$2.25.

PUMPS. (See Spray Pumps, pages 107, 108, 109.)

PUTTIUM. A new glazing cement used in place of putty. Color gray. Gal. can \$3.00.

PUTTY BULB, Rubber. For glazing, \$1.35.

RAFFIA. The best material for trying plants. Per lb. 50c. Green, dyed, lb. \$1.25.

RAFFIA TAPE. Green, on spools of 100 yards. Each \$1.50.

HORTICULTURAL TOOLS AND REQUISITES—Continued

RAKES.

Bamboo Lawn. Each \$1.00. Large size \$1.50. (See page 94.)

Garden. Best steel, 8 teeth, \$1.00; 10 teeth, \$1.20; 12 teeth, \$1.30; 14 teeth, \$1.40; 16 teeth, \$1.50; 18 teeth, \$1.60.

Gem Dandelion. 15 in. wide. Each \$2.50. (Illustrated on page 94.)

Hay. Wooden, 3 bows, 12 teeth, \$1.10.

Hoover. Flexible steel for leaves, etc. \$1.00. (Illustrated on page 94.)

Lawn. Wooden, 3 steel bows, 22 teeth, \$1.25.

Reversible. Galvanized, 24 teeth, \$1.25.

Lawn, "Olsen." 26 wood teeth, iron brace. Each \$1.10.

Rake and Hoe. A combination tool, \$1.10.

REELS, GARDEN. Each \$1.75 and \$3.00.

REFUSE BURNERS. (See page 97.)

RIFLES, EMERY. For sharpening. Each 15c.

CARBORUNDUM. No. 57. Will sharpen any arden tool. 9 in. long with wood handle. Each \$1.00.

ROLLERS. (See page 104.)

RUBBER BANDS. For split Carnations. Oz. 30c.

RUBBER BOOTS, Gardeners and Farmers. State size when ordering. Per pair, hip length, \$7.00, knee length \$5.50.

**SAWS.**

Pruning, Disston. Single edge, 16 in. \$1.50, 18 in. \$1.75, 20 in. \$2.25. Double edge, 16 in. \$1.75, 18 in. \$2.00, 20 in. \$2.75.

Double Swivel. Blade 14 in. long. Very useful for pruning. Each \$2.25. Extra blades 35c.

Oak Leaf. 14 in. blade, which can be used at any angle. Each \$2.00. Extra blades 35c.

Crescent Pattern, "Keen-Kutter." 16 in., each \$2.00.

Hand or Pruning, "Keen-Kutter." 20 in. blade, each \$2.25.

Cross-cut, One-Man. Cuts easily and rapidly. 4 ft. Each \$4.75.

SAW FILES. Best make. Each 20c. and 25c.

SCISSORS.

Grape or Vine. Best make, 7 in., \$1.50.

Flower Gatherers. Best quality. 6¾ in., \$1.75.



SCISSORS, PRUNING. English make, 4 in., \$2.25, 5 in., \$2.50.

SASH, HOTBED, Extra Strong.

Unglazed. Made of best cypress. Regular size 3x6 ft., for using 6x8 in. glass. No. 4, each \$3.50.

Glazed. (Packing extra.) Size 3x6 ft., using 6x8 in. glass. Painted two coats white. No. 4, each \$6.50.

Glazed. Size 3 ft. 2 in. x 6 ft., using 8x10 in. glass. No. 9, each \$7.00.

Glazed with 10x12 in. double thick glass. Size 3x6 ft. Iron cross bar, No. 11, each \$7.50.

"Sunlight." Double Glass. Glazed with 10x12 in. double, two layers thick glass, painted two coats, white. No. 12, each \$11.00.

Hotbed Frames for Sash. Painted. For 2 sash, each \$14.00; for 3 sash, each \$18.00; for 4 sash, each \$23.00; for 5 sash, each \$28.00.

**SCYTHES.**

Lawn, English. 30 to 34 in., each \$3.00.

Grass, American. 30 to 40 in., each \$2.50.

Brush or Weed. 18 to 21 in., each \$2.25.

SCYTHE SNATHS (or Handle.) Each \$2.00.

SCYTHE STONES. Flat, each 25c., doz. \$2.50.

Carborundum. No. 57. Each \$1.00.

English. Round pointed. Each 35c.



SEEDLING PRICKER. For transplanting seedlings. Each 25c. "Acme" see illustration.

SEEDERS. (See pages 95, 98 and 104.)

SEEDERS, Sowrite. Fiberloid for fine flower seeds. Each \$1.00. (See page 96.)

Sowrite. For all seeds to size of Sweet Peas. Metal, nickel plated. Each \$1.50.

SHADING, Summer Cloud. English shading for greenhouses. ½ lb. pkg. 75c.

SHADE-O. For shading greenhouses. Lb. \$1.25.

SHEARS.

Grass Border.

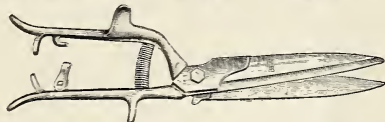
English (with-out wheel.)

8 in. \$5.50

9 in. 6.00

10 in. 6.50

American. Without wheel. 9 in., \$4.00.



Grass, Improved No. 09. 6 in. steel blades with 7 in. metal handle and spiral steel spring. \$1.50.

Grass or Sheep. Best trowel shank. \$1.25.

Goodwin Patent Ball Bearing Grass. Each \$2.25.

Hedge, American. (With notch, 25c. extra.) 8 in. \$2.50; 9 in., \$3.00.



Hedge, English Make. 8 in., \$3.00; 9 in., \$3.50; 10 in., \$4.00. With notch, 35c. extra.

Hedge, Serrated Edge. 9 in. \$2.25; 10 in., \$2.50

Extra Bolts, Nuts and Washers. Per set 25c.



Wiss Hedge. Drop forged steel handles, concave blades, one serrated. 8 in. \$2.75, 9 in. \$3.00.

Lopping Shears. (See Pruners.)

California

Pattern.

9 in. long

(See cut.)

Each \$1.00.



Disston Pruning No. 152. 8¾ in., extra strong. Each \$3.50.

HORTICULTURAL TOOLS AND REQUISITES—Continued

SHEARS, PRUNING—Continued



Kunde Pruning. Can be used for heavy or light branches. \$5.00.

Lion Pruning. Double beveled cutting blade. Nickel-plated handle. 8 in. \$2.50.

Ladies' Pruning. 6½ in. Nickel plated, \$1.50.

Perfection Pruning. Cuts on both sides. 6½ in., \$3.50; 7½ in., \$4.00; 8½ in., \$4.50; 9½ in., \$5.00.



Plucca Pruner. Made to hold the twig that is cut off. \$3.00.



Watch Spring Pruning. Imported French, 7 in., \$3.00; 8 in., \$3.50; 9 in., \$4.00.



Wiss, Hand Pruning. (Solid Steel). 9 in., \$3.50; 10 in., \$4.00; extra blades, \$1.00 each.

Wiss Pruning No. 209. Blade and handle one piece of steel. 9 in. \$1.50.

Wiss Pruning No. 309. Forged steel blades. 9 in. \$2.50.

SHARPENER, Self Grinding. For sharpening knives, shears, scissors, etc. Each \$2.00.

SHREDS, Medicated Garden. For nailing on trees, vines, etc. 3 in., 100 60c.; 4 in., 100 75c.



SHOVELS, "Keen-Kutter." Square and Diamond Pointed. Long or short handles. Each \$2.50.

Best Steel, Square or pointed. Each \$1.75.

SIEVES, WIRE. For sifting loam, gravel, etc. ½ in., ¼ in., ½ in., or ¾ in. mesh, 18 in. in diam., each \$2.50.

SIGN, "Keep Off the Grass." Metal with enameled letters. Size 3¼x19 in. Each 50c.

SILKALINE, Meyer's Green. Fast color. Spool 50c. Box of 8 spools \$3.50.

Florists' Thread. 2-oz. spools, each 25c., doz. \$2.50.

SMILAX TWINE. Green. Box of 8 balls \$1.25.

SOAP DISPENSER, "Wilson's Sanitary." To use with Wilson's Liquid Soap. Each \$2.50.

SOD PERFORATOR. (See page 105.)

SOIL TESTER, "Soiltex." The new pocket soil tester, contains enough material for making 75 to 100 soil tests. Outfit complete. \$1.00.

SOWERS, Seed. (See pages 95, 98 and 104.)

Fertilizer. (See page 104.)



SPADES. Best cast steel. Long or short handles. Each \$1.75.

"Keen-Kutter," extra quality, each \$2.50.

SPRAYERS. (See pages 107, 108 and 109.)

SPRINKLERS.

Lawn. (See pages 110, 111.)

Rubber. Scollay's straight neck. No. 1, 12-oz. size, \$1.50.

The Ideal. Made entirely of metal and fits any bottle; can be used at any angle for insecticides or water. Each \$1.00.

STAKES. (See Plant Stakes and Canes.)

STAKES, HYACINTH. Green. 18 in. long. Doz. 5c., 100 40c., 1000 \$3.50.

STEEL WOOL PADS. For cleaning all tools. Each 60c.

STICKS, Match. 18 in. long. 1000 \$3.00.

STYPTIC. To prevent bleeding of vines. Bottles, each \$1.25.

SULPHUR VAPORIZER, Campbell's Patent. (See Fumigators, page 87.)

SUNDIALS. Made with cast bronze. Diam. 11 in. Each \$10.00.



SYRINGES, GARDEN, Brass

No. C, length 14½ in., diam. 1¼ in., one spray rose and stream. Each \$4.50.

No. 11, length 18 in., diam. 1½ in., two spray roses and one stream. Each \$6.00.

No. 5, length 18 in., diam. 1½ in., two spray roses and one stream, extra heavy and strongly mounted. Each \$8.00.

Goosenecks. For syringes. Each \$1.25.

TAMPERS, Sod and Cement. (See page 104.)

TARRED FELT DISCS. For Cabbage plants. 100 50c., 1000 \$4.00.

TENNIS NETS. Single court, 27x3 ft. Double court, 36x3 ft., canvas bound. Prices on application.

TENNIS MARKER, No. 0 Dry Marker. For marking tennis courts. \$3.50.

THERMOMETERS.

Mushroom Bed. All metal, each \$3.75; wood, brass tip \$2.00.

Brooder, "Tycos." Each \$1.00.

Distance Scale. Metal frame. Each \$1.00.

Household. Wood frame. 8 or 10 in., 75c. to \$1.50.

Incubator, Tycos. Each 75c.

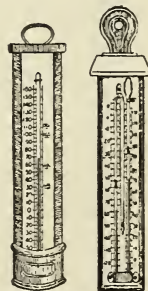
Japan Tin Case, Metal Scale. 8 in., 90c; 10 in., \$1.10.

Maximum Registering. Wood frame. Each \$2.75.

Minimum Registering. Wood frame. Each \$2.75.

Porcelain Scale. For conservatory. Each \$1.50.

Self-Registering, "Tycos." frame. Size 10 in. \$7.00.



Burnished copper

HORTICULTURAL TOOLS AND REQUISITES—Continued

THERMOMETERS—Continued

Self-Registering, "Hicks." English make, box-wood scale. 10 in. \$8.00.

Self-Registering. Imported, metal frame, 10 in. porcelain scale. Each \$3.00.

Temprite. Heavy metal, for greenhouse or outside. White with black figures. 9 in. Each \$1.25.

Window. Round glass with metal hangers. 8 in. Each \$2.00.

Magnets. For self-registering. 75c.

TINFOIL. Lb. 30c., violet or green, lb. 75c.

TOOL SETS, "Keen-Kutter." Fork, spade, hoe and rake. Set \$3.50.

Ladies Garden Beauty. Hoe, rake and trowel. \$1.00.

TOOTH PICKS. Wired. 1000 75c.

TORCHES, Asbestos. For burning tent caterpillars. Each 60c.

Collin's Caterpillar Torch. A swinging lamp with attachment to pole with pan to catch the caterpillars that fall. Torch and catcher, \$1.00; 12 ft. pole in 3 sections, \$1.00.

TOMATO SUPPORTS. Heavy galvanized wire rings. Each 40c., doz. \$4.00.

Adjusto. (See page 105.)

Tomato Stakes. (See page 105.)

Wooden Tomato and Plant Supports. Four square legs and cross bars, 3 ft. high and 16 in. wide. Each 35c., doz. \$3.50.

TRACTORS, Garden. (See pages 102, 103.)

TREE CLIMBERS. For attaching to the legs, to climb tall trees. With leather straps. Pair \$5.50.

TREE GUARDS, "Excelsior." Close mesh style. Wires No. 9 horizontal, and No. 8 vertical. Fastens with hooks and eyes. Rustproof finish. Diameter 8 in., length 6 ft. Each \$2.50, doz. \$27.50

TREE SCRAPERS. Large iron with handle. Each \$1.25. Extra blades 60c.

TRELLIS. (See page 105.)

TROWELS.

English. Finest quality throughout. Each
Short handle.....\$0.85
Long handle..... 1.25

Steel. 6 in., 75c; 7 in., 80c; 8 in., 90c.

Cast Steel. Ea. 35c.

Cleve's Angle. Large, size, each 25c.

Maynard. Heavy, one-piece steel. Each \$1.10.

TUBS, PLANT. (See page 96.)

TURFING IRONS. English, with handles. Each \$8.00.

American. With handles. Each \$2.75.

TWINE.

Cotton. White, per lb. \$1.20.

Green Smilax. Box of 8 balls, \$1.25.

Marline (Tarred Twine.) Lb. 60c.

Marline. Small size. Per ball \$1.00.

Hemp. All sizes. Lb. \$1.00.

Jute. Three- or four-ply, for trees. Lb. 50c.

WATERING POTS or CANS. (See page 94.)

WEEDERS.

"Adjustable."

Three Prong

(See Cu t.) Each

75c.

Daisy Grubber. English. Each \$1.25.

"Excelsior." Five-claw fingers. Each 20c.



"Cleveland." Can be used easily and without stooping. (See cut.) Each \$1.25.

WEEDERS.—Continued.

"Eureka." Very useful for garden purposes. Each 60c.



Handy. Used with gasoline or kerosene on Dandelions in lawns. Each \$1.25.

"Keen-Kutter." A light weight long handle weeder with four stationary prongs of tempered steel. A tool that should be in every garden. As a cultivator or weeder it is equally effective. Each \$1.00.



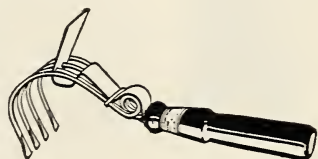
Lawn. For removing docks, dandelion, etc.; can also be used as an Asparagus knife. 50c.

Magic "D."

6 in. handle, weeder and hoe combined. Four prongs. Each 50c.

Magic "B."

18 in. handle. Threeprongs. Each 25c.



Magic "H." Weeder and hoe combined. Handle, 48 in. Four prongs. Each \$1.25.

Spud Weeder. English, with 2 in. blade. Very handy for cutting out weeds in lawns or borders. Each 65c.



The Out-U-Come. A useful tool for pulling Dandelions, etc., from lawns. Each \$1.00.

WEATHER VANES, No. 170A. Made with copper. A rooster standing on an arrow. 14 in. high with 18 in. arrow. Each \$15.00.

WHEELBARROWS. (See page 97.)



WINDOW BOX. The "Savo." Self-watering and sub-irrigating for windows, porches, sun parlors, etc.

	Height	Width	Length	Each
Model A.	8 in.	9 1/2 in.	23 in.....	\$3.00
Model B.	8 in.	9 1/2 in.	29 in.....	4.00
Model C.	8 in.	9 1/2 in.	35 in.....	4.50
Model D.	8 in.	9 1/2 in.	41 in.....	5.00

Wooden. Made with chestnut wood, stained. Size 30 in. long, 8 in. wide outside, 6 in. deep inside. Each \$1.20. Size 36 in. long, 8 in. wide, 6 in. deep. Each \$1.40.

WIRE, Annealed for Stemming.

Per lb.

No. 23.	Coarse.	18 in. lengths.....	\$0.30
No. 26.	Coarse.	12 in. lengths.....	.40
No. 34.	Fine hair.	12 in. lengths.....	.60

BAMBOO LAWN RAKE

A Superior Make

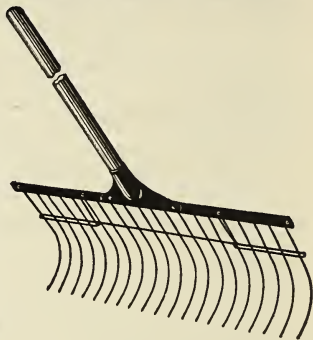
This rake cannot be compared with the cheaper quality that is often offered. The head is wired top and bottom and has a four-foot wood handle clamped onto the rake.

Made with split bamboo. Very light and flexible; for raking leaves, grass or paths. An excellent rake for removing crab or August grass in lawns.

Each \$1.00. Large size \$1.50



HOOVER LAWN RAKE

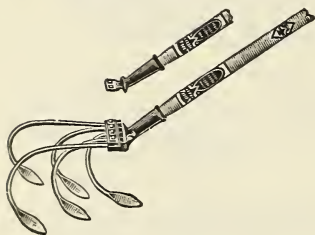


The teeth of this rake are made with flexible steel spring wire and will fit into any irregularities on the surface of the ground, taking all leaves, dead grass or refuse without any injury to the living grass. Each \$1.00.



"KONGO" COIR BASS BROOM

This broom is made with Coir Fiber with a metal case fastening. It sweeps fine, is tough, impervious to hot or cold water and does not dry up and break off. Makes a fine broom for stable, garage, greenhouse work, also for cleaning gutters on roads. Each \$2.00.



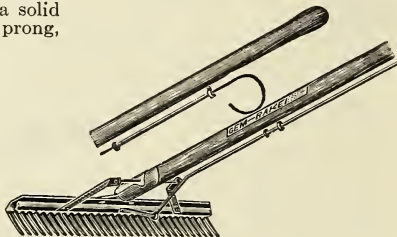
ADJUSTABLE GARDEN CULTIVATOR

The most useful hand garden tool on the market.

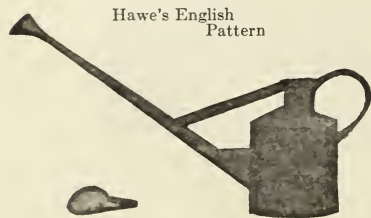
It will pull out the weeds, pulverize the ground thoroughly, leaving it level. It will work between the rows, or the center shovel can be removed and straddle the row if desired. It is adjustable in width by sliding the top plate. It is the lightest, weighing but 3 lbs. complete with long handle. The blades are forged out of a solid steel rod. 3 prong, \$1.00; 5 prong, \$1.25.

THE GEM DANDELION RAKE

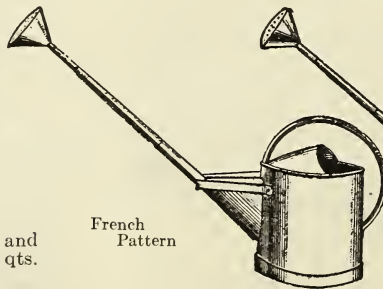
A scientifically constructed tool for eliminating Dandelions and other seeds of weeds in lawns. It has fine, blade-like teeth that lie flat against the sod and clip off all buds and flowers. The self-cleaning attachment combs the teeth clean and is connected to a rod on the handle which cleans the teeth on a slight pull on the finger hook. The spring sending the cleaning bar back to its position. Width 15 in. Each \$2.50.



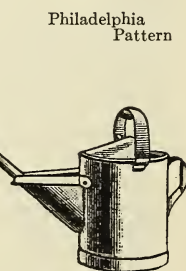
WATERING POTS



Hawe's English
Pattern



French
Pattern



Philadelphia
Pattern

French Pattern, Oval. With long spout and brass bow handle. 2 roses. 6 qts. \$6.00, 8 qts. \$6.50, 10 qts. \$7.00, 12 qts. \$7.50.

Philadelphia Pattern, Round. With two copper-faced roses. 4 qts. \$4.25, 6 qts. \$5.25, 8 qts. \$5.50, 10 qts. \$6.00, 12 qts. \$6.50

Extra Roses. Fine or coarse. Each 70c.

Hawe's English. Valuable for watering fine seeds as well as for all greenhouse and garden work. One very fine and one coarse rose. Made with heavy material, painted red. No. 2, 4 qts. \$6.50. No. 3, 6 qts. \$7.50. No. 4, 8 qts. \$8.50. No. 5, 10 qts. \$9.50.

Low, or Strawberry Pattern. One fine rose. 4 qts. \$4.50.

Galvanized Watering Pot. It is made with heavy galvanized material. 4 qts. 90c., 6 qts. \$1.00, 8 qts. \$1.10, 10 qts. \$1.50, 12 qts. \$1.75, 16 qts. \$2.00.



LANSING HANDY CART

This cart is well built of the best materials. The 36-inch wheels have 2-inch tires with 12 spokes. The axles and framework are of steel. It can be used for carrying milk cans barrels of feed or water, fodder, feed and other purposes. The platform is 28 x 32 inches. Price \$13.00.

COMBINATION WATER BARREL, TRUCK AND LEAF CART

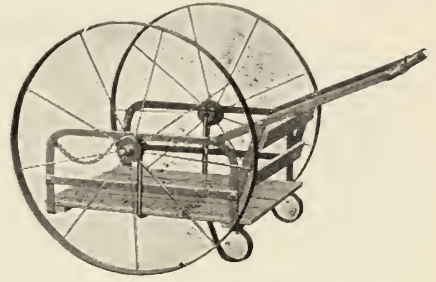
Barrel can be detached from truck without difficulty, or tilted to empty contents. Either barrel, leaf rack and box can be used. Furnished with wheels with 3-inch tires.



Fig. 6



Fig. 162



TRUCK AND WATER BARREL

Fig. 6. Truck, with 3-in. tires and barrel.....	\$25.00
Truck without barrel, 3-in. tires.....	18.00

TRUCK AND LEAF RACK

Fig. 162. Truck, with 3-in. tires.....	33.00
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TRUCK, BARREL, LEAF RACK AND CART

Complete with 3-in. tires.....	47.00
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TRUCK, HANDCART AND BARREL

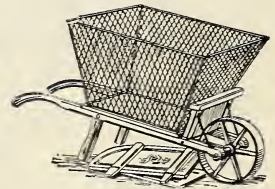
Fig. 7. Truck, with 3-in. tires.....	32.00
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ADDITIONAL ATTACHMENTS

Box for Handcart, 24 in. wide, 38 in. long, 10 in. deep.....	7.00
Leaf Rack for Truck.....	15.00
Extra Barrels with Trunnions.....	7.00
Truck and Box Cart.....	25.00
Extra Trunnions for Barrel, per pair.....	.50
Stay Rods for Barrel.....	1.00

WHEELBARROW LEAF-RACK

Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bushels; made of galvanized wire, with wood base to stand on wheelbarrow. Each \$9.00.



FLOWER VASES, GALVANIZED

Made with heavy galvanized metal, will not break or rust.

	Width	Depth	Each	Doz.
No. 1.	5½ in.	9½ in.	\$0.50	\$5.00
No. 1A.	6 in.	12½ in.	.70	7.00
No. 2A.	6½ in.	15 in.	.90	9.00
No. 3.	8 in.	17 in.	1.10	11.00
No. 4.	8 in.	20 in.	1.50	15.00

FIBER VASES

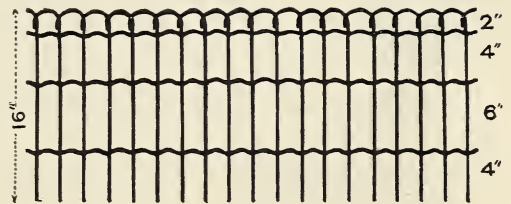
Made with indurated fiber which is light handy and durable.

No.	Width	Depth	Each	Doz.
44	3½ in.	9 in.	\$1.00	\$11.00
1	6 in.	10 in.	1.35	15.00
33	4¾ in.	12 in.	1.50	17.00

DUD'S GAS

A Liquid Cleaning Compound

Dud's Gas can be used for cleaning greenhouse glass, skylights, cement, marble, stone or terra cotta statues, bird baths, steps or ornaments. It is easily applied and, will not injure the objects or harm the hands in using it. Qt. \$1.25, gal. \$5.00.



FLOWER GUARD

The Flower Guard forms an excellent protection to flower beds. The ends of pickets, extending below the lowest cable, are pushed in the ground and answer the purpose of posts.

Pickets No. 9 wire, spaced 2 7/8 inches apart.

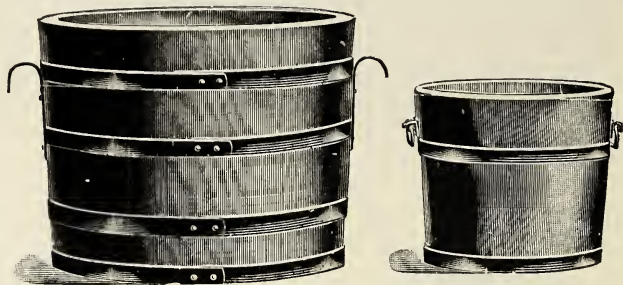
Made with steel wire and galvanized after weaving. Each scroll is welded.

16 inches wide, per linear foot.....	\$0.14
22 inches wide, per linear foot.....	.16
16 inches wide, per roll 100 feet long.....	10.00
22 inches, per roll 100 feet long.....	12.00

NEW YORK CEDAR TREE TUBS

Are made of cedar with extra heavy staves and hoops and will be found very strong and durable. Painted green in regular stock. Any color desired to order. Outside measurements.

	Diameter	Height	Each
No. 00.....	32 in.	26 in.	\$21.00
No. 0.....	30 in.	24 in.	18.50
No. 1.....	28 in.	22 in.	16.00
No. 2.....	26 in.	20 in.	13.50
No. 3.....	24 in.	18½ in.	8.50
No. 4.....	22 in.	17 in.	7.00
No. 5.....	20 in.	16 in.	6.00
No. 6.....	18½ in.	15 in.	5.00
No. 7.....	16½ in.	14 in.	4.50
No. 8.....	15½ in.	13 in.	3.75
No. 9.....	14 in.	12 in.	3.25
No. 10.....	12 in.	9½ in.	2.75



No. 00, 0, 1 and 2 have hook handles. Smaller sizes drop handles. Furnished without feet unless specially ordered. Four feet for Nos. 00, 0, 1, 2, 3 and 4, 50c. each foot. Three feet for all others, 35c. each foot.

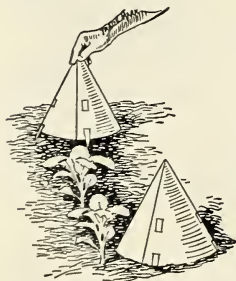
MARSHALL'S PLANT TUBS

Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted green, furnished without handles, or we can supply drop handles if wanted at 30 cts. per pair. Inside measurements.



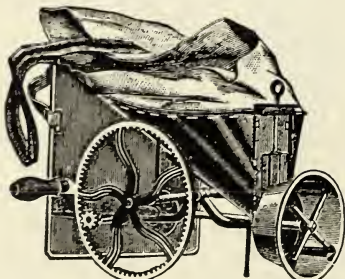
	Diameter	Height	Each		Diameter	Height	Each
No. 3.....	8 in.	8 in.	\$0.75	No. 8.....	13 in.	12 in.	\$2.00
No. 4.....	9 in.	9 in.	.85	No. 10.....	15 in.	14 in.	2.50
No. 5.....	10 in.	9 in.	1.00	No. 12.....	17 in.	16 in.	3.50
No. 6.....	11 in.	10 in.	1.30	No. 14.....	19 in.	18 in.	4.25

EVER-READY FROST PROTECTOR



This Plant Protector is made from a black, weather-proof paper, which will last indefinitely. They come packed flat with stakes for locking the edges and anchoring the cone to the ground. Once assembled they can be nested for storage and used from year to year. They can also be used for shade and windbreaks for plants just set out. Doz. 60c., 50 for \$2.25, 100 for \$4.00, 1000 \$35.00.

CAHOON'S BROADCAST SEED SOWER



This machine will sow Wheat, Rye, Oats, Barley, Hemp, Timothy, Clover, Millet and Hungarian seed, throwing from 8 to 20 feet on each side of the operator. \$6.50.

WALSPEER FLOWER POT STAND



A durable stand for large pots or tubs with four castors and drip pan. Its use will save floors and carpets, it is easy to wheel around the room.

Finished in lacquer with flower design.

Medium size, 10 x 12 in. Each \$1.25.

Large size, 12 x 14 in. Each \$1.50.

Postage 15c extra.

Sowrite Seed-Sower

Sows Seeds at a Touch!



The Sowrite Seed Sower is operated with both hands. One hand holds the seed sower with the feeder tube extended over the back of the hand, with the other tapping it lightly. The slide in the cup regulates the opening according to the size of the seed, and the graduating hole controls the out-flow of even the finest seeds.

Model 1922 is used for sowing any of the fine seeds of flowers or vegetables. Made of fiberloid non-breakable. Each \$1.00.

Model 1923 will sow any seeds up to the size of Sweet Peas. Made of metal, nickel-plated. Each \$1.50.

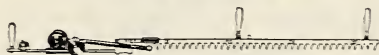
THE "LITTLE WONDER" HEDGE TRIMMER



This trimmer entirely revolutionizes hedge trimming. It is wonderful how quick it cuts and how smooth a job it makes and how easy it operates. To get a beautiful thick hedge it is necessary to trim at least every three weeks. The "Little Wonder" makes the frequent cutting possible without practically any expense. It cuts from five to ten times as fast as by hand and does better work. Guaranteed for one year and complete instruction accompanies each machine.

30-in., one-man machine..... Each \$25.00
40-in., one- or two-man machine..... Each \$27.50
60-in., two-man machine..... Each \$35.00

THE ELECTRIC LITTLE WONDER HEDGE TRIMMER



A marvel for hedge trimming. The most rapid and easy method yet devised. Saves untold hard labor and a tremendous amount of time. Operated with a one-tenth H. P. General Electric motor. Control switch on handle. Cord can be plugged into nearest light socket.

Electric Gear Head, with 100 feet of waterproof cord and gear frame, complete, all ready to be attached to cutting bar. Price \$90.00. 40-in. Cutting Bar (1 man), each \$16.50; 60-in. Cutting Bar (2 men), each \$24.00. Extra 100 ft. lengths of No. 18 wire, each \$6.00.

SIMPLICITY TRIMMER AND PRUNER

Actually doing more work with less work. Accomplishing in an hour what formerly took four hours with the old style shears.

Simplicities cut both in opening and closing. Think of it! What a time and energy saver this is.

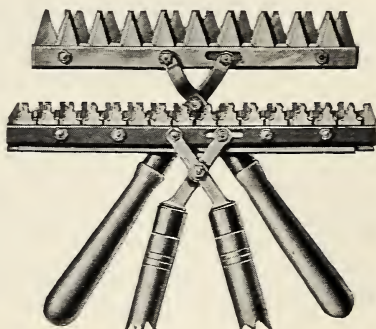
Simplicities seem to almost work automatically and you must actually try them to realize how easy they work.

Simplicity Trimmer for first year growth only weighs but 2 lbs.

Simplicity Pruner and Trimmer for pruning back old growth of hedge and shrubbery and trimming new growth as well, weighs but 3 lbs.

Simplicities are made of the finest high grade carbon steel and will give you long service and satisfaction.

Trimmer \$4.00; Pruner and Trimmer \$6.00.



SPEED ELECTRIC HEDGE TRIMMER

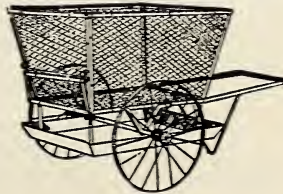
The Speed Electric Hedge Trimmer is light and easily handled and will trim hedges, shrubbery or vines in a small fraction of the time and labor used with hedge shears. The motor will operate on direct or alternating current. One hundred feet of cable with each machine. Ask for circular. Each \$45.00.

PORTABLE REFUSE BURNERS

A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used), made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out. It is fitted with broad-tired wheels, which enable it to be pulled along with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

No. 1, capacity 16 cubic feet..... \$50.00
No. 2, capacity 11 cubic feet..... 45.00
No. 3, capacity 5 cubic feet..... 40.00

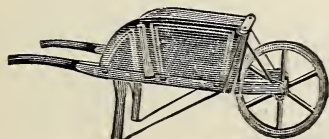


WHEELBARROWS, GARDEN

All nicely painted, iron leg braces thoroughly bolted. Wheels steel with 3-inch treads.

No. 3. Small size. Box 24 in. long, 20 in. wide at handles. . . . Each \$7.50
No. 4. Medium size. Box 26½ in. long, 23 in. wide at handles. Each \$8.50
No. 5. Large size. Box 28 in. long, 24 in. wide at handles. . . . Each \$9.50

Greenhouse Wheelbarrow. A very narrow style for use in greenhouses. Extreme width at handles only 20 inches. Each \$12.00.

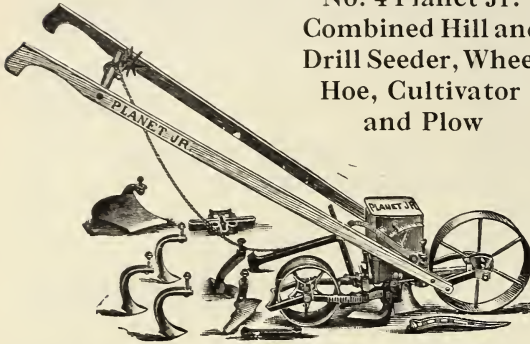




PLANET, JR. TOOLS

Products of 36 years' experience by a practical farmer and manufacturer who has made a science of tool building. All guaranteed. Illustrated catalogue FREE. Prices subject to change

**No. 4 Planet Jr.
Combined Hill and
Drill Seeder, Wheel
Hoe, Cultivator
and Plow**



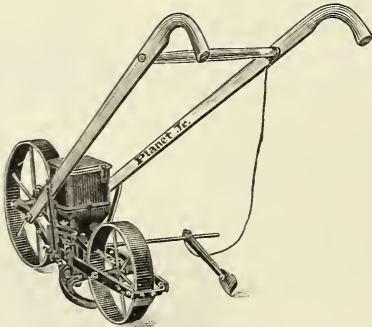
No. 4, complete.....\$18.00
No. 4 D, as a Seeder only..... 14.25

Does the work of almost all garden tools combined. It sows accurately all garden seeds in drills or in hills 4, 6, 8, 12 or 24 inches apart, cultivates, furrows and plows.

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe

As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$21.50.

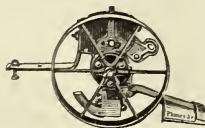


No. 26 Planet Jr. Drill Seeder

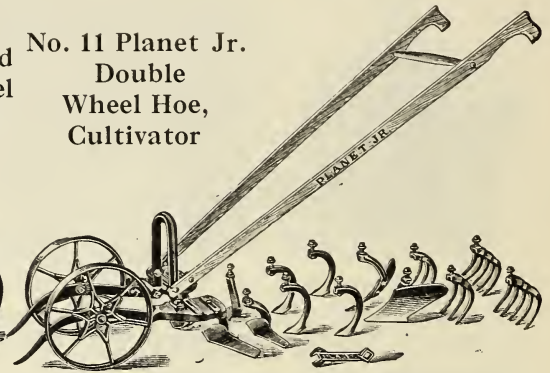
A new seeder that will sow large or small seeds. Hopper holds 4 qts. Has automatic shut off. \$20.00.

No. 35 Seeder Attachment

The above can be attached to any Planet Jr. Single or Double Wheel Hoe. The Hopper holds a pint of seed, is indexed for all the principal seeds and will sow the last seed, so that a small packet can be sown without waste. Price, \$6.50



**No. 11 Planet Jr.
Double
Wheel Hoe,
Cultivator**

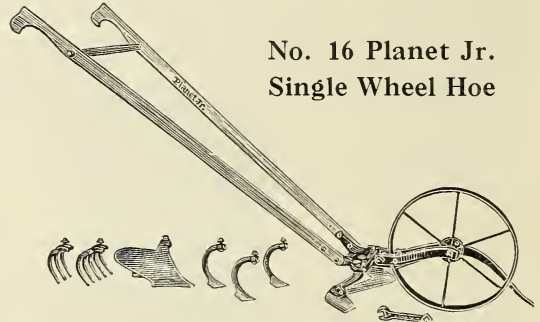


Price, with attachments, as in cut, \$13.75.

No. 12 Double Wheel Hoe, Price \$10.75

This is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pair cultivator teeth and a pair of leaf lifters only.

**No. 16 Planet Jr.
Single Wheel Hoe**



Price, with attachments, as in cut, \$9.00.

No. 17 Single Wheel Hoe, Price \$7.75

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 18 Single Wheel Hoe, Price \$5.75

Has one pair of 6-inch hoes only—the tools that are most constantly useful. Other tools can be added as needed.

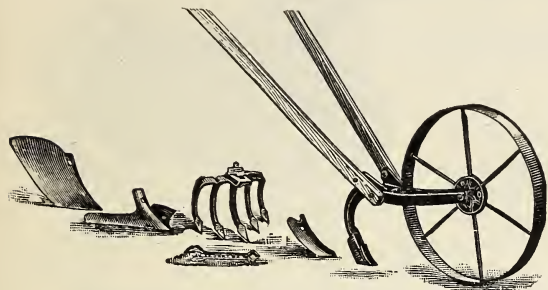
Fire-Fly Garden Plow

Price, \$4.25.



This tool will enable a busy man to do nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

PLANET JR. TOOLS—Continued



No. 19 Farmers' Singel Wheel Hoe, Cultivator and Plow

A cheap and efficient garden tool, consisting of one plow, one 10-in. sweep, one 5-in. sweep, one 2-in. cultivator and one 4-in. cultivator. Price, complete, \$6.00.

Extra Parts for Planet Jrs.

We shall be pleased to supply any parts or attachments shown on pages 30 and 64, 65 and 66 of the regular Planet Jr. catalogue. Always give Number of Tool or send broken part when ordering.



Cultivator Teeth. Plow. Hoes.
Cultivator Teeth. Each 40c. Hoes 6-inch per pair, \$1.30. Plow for S. W. H., each, \$1.35.

Planet Jr. No. 2 Lawn Edger



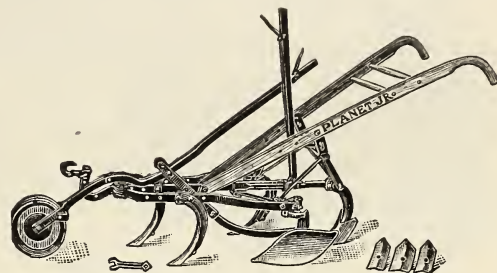
Every one who uses a lawn mower should have a Planet Jr. No. 2 Grass Edger. The cutting blade is made of the best quality steel and well sharpened. The handle is strong, being made of good quality wood. In order to have attractive lawns, keep the edges well trimmed. There is no better tool for this purpose than the Planet Jr. No. 2 Edger. Price \$1.60.

SOILTEX SOIL TESTER

A handy pocket outfit, containing enough material for 75 to 100 tests. Complete with color chart and lime tables. It determines accurately the degree of acidity of any soil and tells exactly how much lime should be applied. Complete outfit, \$1.00.



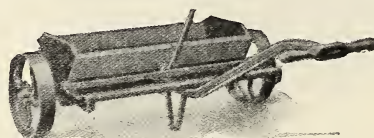
Bird House, No. 4 Log Cabin



No. 8 Planet Jr. Horse Hoe and Cultivator

The above as illustrated can be used for cultivating almost every known crop in rows. Price, complete, \$17.50.

HAND FERTILIZER SOWER



The Hand Sower is small, light, easily operated in close quarters, conveniently drawn by one man and well balanced, fills a need on the smaller place that no other fertilizer distributor can reach. Particularly in top dressing lawns and putting greens on golf courses is the Stevens Hand Sower a veritable necessity. The Hand Sower carries a wood hopper 34 in. long and with capacity of $1\frac{1}{2}$ bushels. The weight without load is only 85 lbs. Great care has been exercised in its construction to provide for easy balance when loaded. One man easily handles it. Price \$30.00.

THE HARRIS DIRT BAND



Plants grown in Dirt Bands are not injured in transplanting, as the root system is not disturbed. The bands being square they do not take up as much room as pots and do not dry out so quickly. Bands also make an ideal cut worm guard when placed around the plant in the garden.

No. 1	$\frac{3}{4}$ B, size $1\frac{1}{4} \times 1\frac{1}{4}$, depth $2\frac{1}{2}$ in.....	100	1000
No. 2	B, size 2×2 , depth $2\frac{1}{2}$ in.....	\$0.50	\$3.50
No. 3	B, size 3×3 , depth 3 in.....	.60	4.00
No. 4	B, size 4×4 , depth 3 in.....	.70	5.00
		.75	5.50

RUSTIC BIRD HOUSES

The **Rustic Bird Houses** are made with Rustic Cedar and are very ornamental and attractive to all birds.

	Each
No. 1 Log Cabin , one-family house, 10 in. wide, 10 in. high....	\$2.50 and \$2.75
No. 2 Log Cabin , two-family house, 10 in. wide, 12 in. high, 14 in. deep.....	4.00
No. 3 Log Cabin , two-family house, 14 in. wide, 12 in. high, 17 in. deep.....	5.50
No. 4 Log Cabin , two-family house, 14 in. wide, 17 in. high, 16 in. deep.....	7.50
No. 5 Wren House , four-family house, 14 in. wide, 18 in. high, 19 in. deep....	9.00
No. 6 Hexagonal , one-family house, 12 in. wide, 14 in. high, 19 in. deep.....	4.50
No. 7 Twelve-room Martin House , 24 in. wide, 22 in. high.....	22.00



COLDWELL'S IMPERIAL ROLLER-BEARING LAWN MOWER

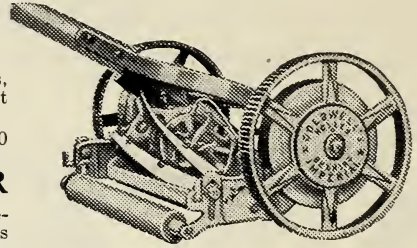
The lightest running machine. Has 10½-inch wheels, five blades, standard Hyatt Roller Bearings, triple pawl ratchet gears and finest finished parts.

16-inch. . . . \$21.00 18-inch. . . . \$23.00 20-inch. . . . \$25.00

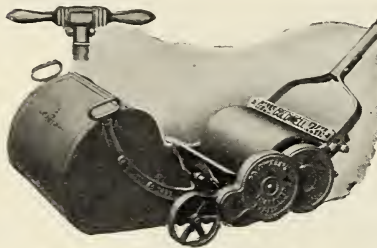
COLDWELL'S JEWEL LAWN MOWER

This machine has 8-inch driving wheels, four blades in the revolving cutter and double ratchet, fine cut gears. The bearings are provided with split brass bushings, by means of which all wear can be taken up.

14-inch. \$9.50 16-inch. \$10.50



Imperial Roller-Bearing Mower



Improved Excelsior Mower

IMPROVED EXCELSIOR MOWER

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.

Net price, 12-inch, 6 blades. \$40.00

Net price, 14-inch, 6 blades. 42.00

Net price, 16-inch, 6 blades. 44.00

Net price, 18-inch, 6 blades. 46.00

Metal Grass Catchers, each \$6.50. F.O.B. Newburgh, N. Y.

COLDWELL REGAL MOWER

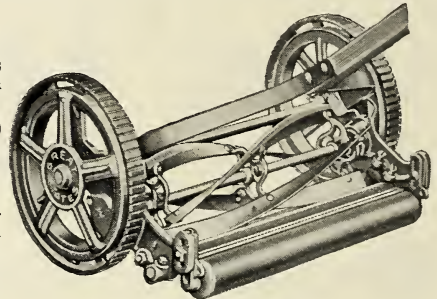
The Regal stands at the head of the Coldwell Line. Wheels 10¼ inches. Five blades, ball bearings, self sharpening bottom knife.

16 in. . . . \$23.00 18 in. . . . \$24.00 20 in. . . . \$25.00

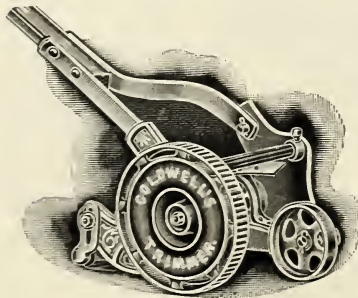
GREAT STATES MOWER

These Mowers have self-adjusting ball bearings and self-sharpening blades, are strongly built and have no complicated parts or adjustments. Cutting reel is 5¾ inch with four blades. The drive wheels are 10¼ inches with deep corrugations. Every machine is guaranteed to give satisfactory service.

14 in. . . . \$11.00 16 in. . . . \$11.75 18 in. . . . \$12.50



Great States Mower



GRASS CATCHERS

Galvanized sheet metal bottom with heavy duck canvas sides. Hooks to frame of Mower and handle. Easily detached for emptying.

Net prices: 12-in., 14-in., or 16-in., \$2.50; 18-in. or 20-in., \$2.75.

COLDWELL'S LAWN TRIMMER AND EDGER

Does what lawn mowers leave undone. It can be run close to walls and trees, cutting grass clean and quickly. Can also be used for trimming edges of walks, etc. It has four blades, 8 inches wide. \$12.00 each.

COLDWELL'S UNIVERSAL HORSE LAWN MOWER

It has side draft attachment to enable the horse to walk on the cut only. We secure evenness of cut by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

25-in., pony size, 5 blade, \$125.00; 30-in., 5 blade, \$160.00; 35-in., 5 blade, \$185.00; 40-in., 5 blade, \$210.00.

All Lawn Mower prices are subject to change without notice.



PENNSYLVANIA STANDARD, OR JUNIOR LAWN MOWERS

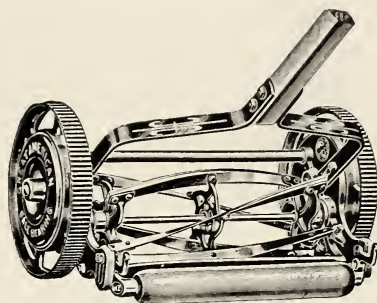
The Pennsylvania is the pioneer of all lawn mowers, having an open cylinder, open wheels and a train of gears. High wheel, 10½-inch diameter.

15-in., 4 blades.....	\$30.00	17-in., 4 blades.....	\$32.00
19-in., 4 blades.....	\$34.00		

GREAT AMERICAN MOWER

A double geared mower which gives fine results.
10½-inch high wheel, 5-blade cylinder, ball-bearing.

15-in.....	\$20.00	19-in.....	\$25.00
17-in.....	23.00	21-in.....	28.00



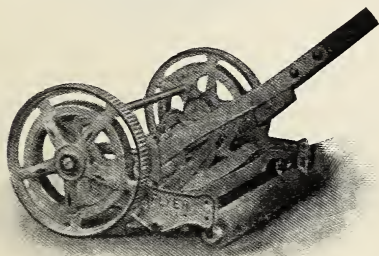
Great American Mower

PENNSYLVANIA SUPER ROLLER MOWER

A close cutting, light running mower, for Putting Greens, Tennis Courts and Bowling Greens. Rollers made with aluminum, seven inches in diameter. Seven blades. Size 18 inch only. \$60.00. Grass catcher, \$10.00.

PENNSYLVANIA GOLF ARISTOCRAT MOWER

Adapted for Putting Greens and Tennis Courts. Ball bearings, seven blades, 9½ inch wheels. 19 inch only \$45.00. Grass Catcher, \$10.00.



TOWNSEND'S FLYER BALL-BEARING LAWN MOWER

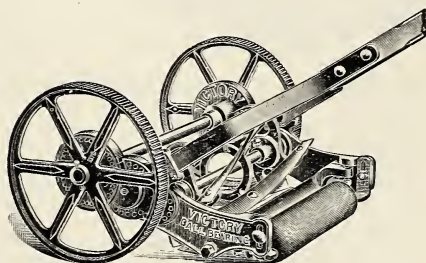
A good, free cutting, easy running mower with open wheel and frame, made on the two-gear principle. Gears well up from the ground and fully shielded so as to exclude dirt and cut grass. Has 9-inch wheels, four-bladed reel.

14 in.....	\$12.00
16 in.....	13.00

"VICTORY" BALL-BEARING LAWN MOWER

This mower is fitted with **Ball Bearings**. The gear is entirely closed, so that no dirt or cut grass can find its way into the pinions and clog them. The cutter bar is easily removed for sharpening without disturbing the frame. The knives cut the instant the mower is moved.

14 in.....	\$18.00	18 in.....	\$22.00
16 in.....	20.00	20 in.....	24.00



TOWNSEND'S GOLF WONDER MOWER

Especially designed for cutting Putting Greens and fine Lawns. Runs very easy, due to high speed; has gear drive and six-blade knife reel. 16 in. \$28.00, 18 in. \$30.00, 20 in. \$32.00. **Grass Catcher**, complete with elevator and deflector, \$8.00.

SUPERB BALL-BEARING LAWN MOWER

This mower has 12-inch wheels, 7-inch, 5-blade reel, 2-gear drive and pinion with double pawl.

14 in.....	\$20.00	16 in.....	\$22.00	18 in.....	\$24.00
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TOWNSEND TRIPLEX LAWN MOWER

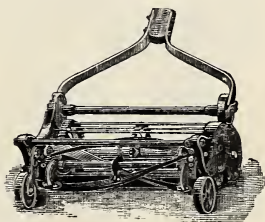
Made with three of 30 inches each, cutting a swath of 86 inches, \$380.00.

"EASY" BORDER LAWN MOWER

The only mower made that will cut borders, mounds, terraces, close to walls and fences, and all kinds of uneven surfaces with the same ease and efficiency as the smoothest lawn.

It has a steel open roller, four spiral blades, self-adjusting ball-bearings with detachable handle.

Net Prices: 12 in.....	\$25.00	14 in.....	\$27.00	16 in.....	\$30.00
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"Easy" Lawn Mower

IDEAL TWENTY POWER MOWER

The Ideal "Twenty" has 12 inch traction wheels, 5-blade cutting reel, a cutting capacity of two to four acres per day. Width of cut 20 inches. Single cylinder, 4-cycle, air-cooled engine.

A strongly built outfit for the average small lawn.

Ideal "Twenty"; weight 245 lbs. F. O. B. New York.....\$195.00
Extra for Grass Catcher..... 4.00



IDEAL TWENTY-FIVE POWER MOWER

The Ideal "Twenty-Five" is a wheel type power mower adapted to work on lawns that are hilly and have steep grades and terraces to negotiate. It operates on both drive wheels and the cutting unit. Capacity about 5 acres per day. Weight, 310 lbs.

Ideal, 25-inch cut, complete with one cutting unit.....\$290.00
Extra for Riding Trailer..... 25.00
Grass Catcher..... 5.00

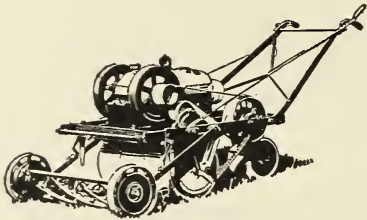


THE IDEAL TWENTY-TWO POWER LAWN MOWER

A baby brother to the Model 30—this twenty-two cuts from three to four acres per day. Cuts a swath 22 inches wide. Built for small grounds, cemetery work, and as an auxiliary unit to the Model 30 on larger grounds. Cuts clean. Adapted to trimming in close quarters. Weight, 430 lbs.

Ideal Junior, 22-inch Power Mower with one cutting mower, F. O. B. New York, \$265.00.

Extra for one additional cutting unit, \$52.00.
Extra for grass catcher, \$7.50.



THE IDEAL POWER LAWN MOWER

The most popular and the most adaptable of the "Ideal" line. Cuts a 30-inch swath. Rolls as it cuts. Will cut six to seven acres per day. Loosely suspended cutting unit tilts to ride over any irregularity of ground. A general purpose mower that cuts close to trees, shrubbery and flower beds. Mechanically simple—fool-proof—easy to operate.

Either the Model 30 or the Junior rolls as it cuts; thereby insuring a smooth, velvety lawn. All unsightly bumps are leveled, and there is no marring the lawn with hoof-prints or mutilation of shrubbery, as is the case with horse-drawn mowers and rollers. Weight 630 lbs.

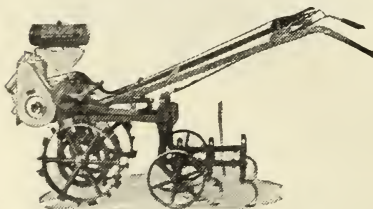
Ideal Power Mower, 30-inch, with one cutting mower, F. O. B. New York.....\$385.00

Extra for riding trailer, \$25.00; grass catcher..... 10.00
Extra for one additional cutting unit..... 63.00



BOLEN'S GARDEN TRACTOR

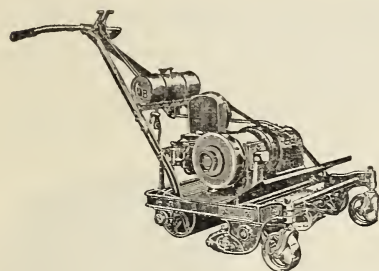
A light weight gasoline propelled power unit ready to hitch to a great variety of useful implements. It can be used for cultivating, hilling, hoeing, seeding, etc. The instant hitch attachment can be used with the interchange of tools. The speed is easily controlled with two driving sprockets from one to three miles per hour. The engine is air cooled and consumes about one gallon of gasoline in ten hours. The arched axle gives a clearance of 16 inches and the width of tractor is 18 inches. It has a double clutch drive with power turn for either wheel. Fully illustrated booklet mailed free on request.



Outfit D-3. Model D. Tractor with D101 instant hitch, one and two row cultivator frame with tool holders, 2 pair of 6 inch hoes and 6 cultivator teeth. Price \$206.40, F. O. B. factory.

Outfit D-4. Model D Tractor with D111 three row cultivator frame with tool holders, 3 pair 6 inch hoes and 10 cultivator teeth. Price \$220.00, F. O. B. factory.

Outfit D-Q-O Tractor unit with instant hitch. \$255.00 F. O. B. factory.



Cub Motor Mower

COLDWELL'S CUB MOTOR MOWER

The "Cub" Motor Lawn Mower is specially designed for small lawns. It cuts 21 inches, has 5 blades, full width drive roller, Timken roller bearings, automatic lubrication, and will cut close to trees or fences. The heavy duty engine will carry its full load on the hottest day. Weight 250 lbs.

Cub, 21 inch cut, \$195.00. Grass Box \$10.00

Ask for special illustrated circular.

COLDWELL "L" JUNIOR MOWER

A light weight, simple and dependable power mower and roller of good capacity at a moderate price.

Motor 1½ horse power, cutting unit 5 blade, width of cut 25 inches, capacity 4 to 6 acres per day. Weight 300 lbs.

"L" Junior, 25 inch cut, \$255.00. Grass catcher. \$12.00.

COLDWELL MODEL "R" MOWER

The Coldwell Model "R" mower will cut from 6 to 10 acres of lawn per day, fuel consumption, 1 to 1½ gallons gasoline for 10 hours running. It has an 8-inch diameter, full width drive roller in two sections. Revolving cutter, 6 inches with 5 blades. It has also two gang units that can be attached, making an extreme cutting width of 60 inches. Weight 495 lbs.

Model R, 25 inches, \$260.00. Grass Catcher for Model R, \$20.00.

COLDWELL'S "L" TWIN MOWER

The Coldwell Model "L" Motor Lawn Mower and Roller, twenty-five inch cut, has been designed with a view of combining the extreme flexibility of the hand lawn mower with the large cutting capacity rolling feature and other advantages and conveniences which can be obtained only with a motor mower.

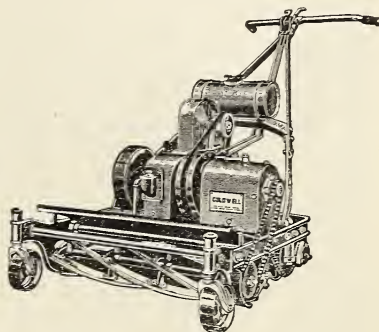
This mower is adapted for use on private lawns, parks, cemeteries, public grounds and for fine cutting on tennis courts and bowling greens. Weight 380 lbs.

"L" Twin Motor Mower, 25 inch cut, \$335.00. Grass box, \$12.00.

With gang attachment for 60 inch cut, \$395.00.

Twin 30 inch cut, \$385.00. Grass box, \$30.00.

Riding Sulky for above models, \$20.00.



"L" Twin Motor Mower

COLDWELL'S MODEL "G" AND "H" LAWN MOWER

Simplicity more than anything else has been sought in these models. Mechanical experience is not necessary to operate them and they can be cared for by anyone.

In using these machines you simply have to guide the mower, negotiating any grade that a horse-mower can be used on, and running a keen 30-inch or 35-inch cutter over 6 or 8 acres per day. Model "H" weight 850 lbs. Model "G" (same type), 35-inch cut weight 950 lbs.

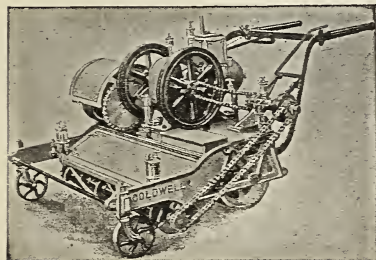
The operating handles are also used for raising and lowering the cutter unit over obstacles.

Model "G," 35 in., \$475.00. Model "H," 30 in., \$425.00.

Grass Catchers for Model "G" and "H", \$30.00.

Riding Sulky for Model "G" or "H", \$20.00.

Prices of all Coldwell Motor Mowers are f.o.b., Newburgh, N. Y.



CENTAUR TRACTOR

The "Centaur" is the highest type power unit made for general farm use. It is an ever-ready, all-purpose tool, positive in action and flexible in control. In all kinds of work the "Centaur" is easy to operate, quicker and cheaper than it can be done in any other way. It is a riding tractor and the entire construction is of the unit type. All implements are quickly and easily attached.

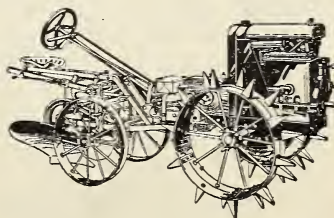
A fully illustrated catalogue sent on request.

Model G Centaur Tractor, with Automatic Governor Extension Rims and complete Lug Equipment.....\$484.00
Riding Sulky.....\$58.00 Plow and Roller Coulter.....\$23.50

List of all other attachments sent on request.

Prices f.o.b. Greenwich, O., or \$15.00 additional for shipment from Philadelphia or Poughkeepsie, N. Y.

The prices quoted in this catalogue are subject to change without notice.



PENNSYLVANIA LAWN CLEANER



A revolving fan with metal teeth creates an air current which carries into the canvas baskets all leaves, dead grass, stone, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by lawn mower. It combines strength and durability with light construction. 24 inches wide. \$35.00.



GRASS SOD OR CEMENT TAMPERS

Useful for tamping down sod and uneven spots on lawns, tennis courts and golf grounds. Made of iron, with heavy wooden handle.

Square Pattern. Size 6 in. Weight 12 lbs. Each \$2.25. Size 8 in. Weight 17 lbs. Each \$2.75.

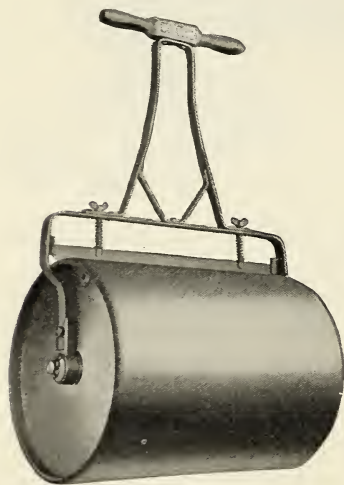
BAKER'S HORSE LAWN SHOE

It is made of a steel plate turned up at the toe to protect the turf, with two riveted prongs that fit the horseshoe in front and a clamp that sets up to the heel. In ordering please send size of horseshoe from toe to heel, or a tracing of the shoe to insure a good fit. Per set, \$10.00.



LEATHER HORSE BOOTS

Made with double thick riveted soles and straps to go around the hoof. In ordering send outline of horse's shoe. Per set of four, \$18.00.



WATER BALLAST ROLLER FOR LAWNS

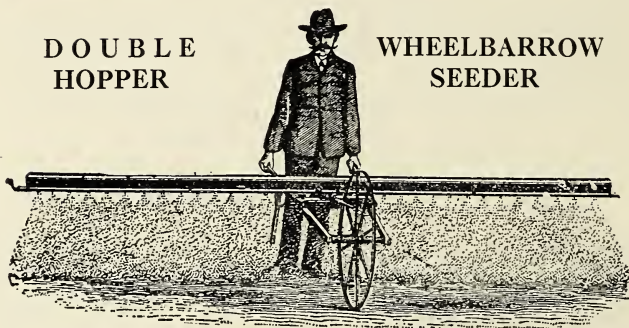
With a Water Ballast Roller, one can secure any weight desired by simply removing a cap and filling it with as much water or sand as may be required. When filled with sand they weigh 50% more than with water.

The "WB" type is fitted with a steel scraper, which is adjustable and can also be used to hold the handle in place when not in use.

10	14 in.	24 in.	250 lbs.	\$18.50
20	18 in.	24 in.	330 lbs.	22.25
30	24 in.	24 in.	440 lbs.	25.75
40	24 in.	32 in.	590 lbs.	28.00

DOUBLE HOPPER

WHEELBARROW SEEDER



This seeder will sow grass seeds as well as heavy seeds of all kinds. It can be regulated to sow any quantity per acre the whole length (14 feet) of the hopper and it does not clog up. Full directions with each seeder. No. 9. Price \$20.00.

THE DIEHL EDGER

This Edger has a cutting disk of saw steel, tempered and sharpened to cut through the sod. The cutting disk is held between two disks which roll upon the grass and prevent the cutting disks from penetrating below the desired depth. A weight surrounds the disks to force the cutting disk through the sod as the tool is pushed along by the handle.

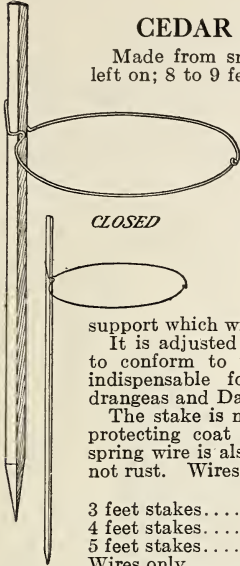
An adjustable plow attachment removes the cut sod for removal. Each \$12.75.



For other **LAWN, TENNIS COURT and GOLF SUNDRIES**, ask for our Catalogue of Golf Course and Tennis Court Equipment.

CEDAR BEAN POLES

Made from small Cedars with the spurs left on; 8 to 9 feet long, pointed to drive in the ground. Doz. \$3.50, 100 \$26.00.

**"ADJUSTO"
PLANT
SUPPORT**

The "Adjusto" is a very simple, unbreakable, practical and cheap support which will last a lifetime.

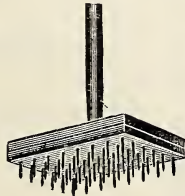
It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias.

The stake is made of hardwood having a protecting coat of green paint; the heavy spring wire is also painted green and so will not rust. Wires 13 inches in diameter.

	Each	Doz.
3 feet stakes.....	\$0.30	\$3.00
4 feet stakes.....	.35	3.50
5 feet stakes.....	.40	4.00
Wires only.....	.15	1.50
2 ft. stake with wire 4 1/4 in. diameter for pot plants and Carnations. 100 \$9.50.....	.12	1.25

SOD PERFORATOR

Used for renovating bad spots in lawns, terraces, etc. In perforating the ground it permits the seeds to enter the soil and germinate quickly. Size 12 in. x 12 in. with handle. Each \$4.50.

**LAWN MOWER
SHARPENING
COMPOUND**

This is a grinding paste used for sharpening lawn mowers. It is applied to the blades and by rotating them backward and forward on the bottom knife it sharpens them in a very few minutes without taking the machine apart. Full directions with each can. Can 60c. Postage 10c. extra.



Tree Sprinkler

FAN TRELLIS

Very popular for training pot plants for windows or conservatories.

Height	Width	Each
18 in.	6 in.....	\$0.40
24 in.	10 in.....	.60
30 in.	13 in.....	.80
36 in.	16 in.....	1.40

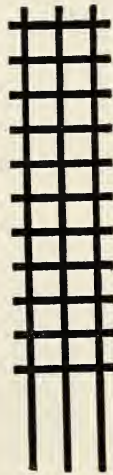
All painted dark green.



Fan Trellis

TOMATO STAKES

Made with Cypress, 1 inch square, 5 feet long, pointed at end. Doz. \$2.50, 100 \$16.00.

**LATTICE TRELLIS**

A substantial plant support for use around doors and windows for plants and vines. Made with three upright supports. Painted green. 8 ft. high, 18 in. wide. Each \$4.00.

**VERANDA
TRELLIS**

Adapted for outdoor use for climbing vines and Roses. Painted green. 8 ft. high, 18 in. wide. Each \$4.00.

TRELLIS

Made with durable wood. Painted green. 8 ft. high, 24 in. wide; 4 uprights. Each \$1.75.

**Bergman Lawn Mower Sharpener**

An individual sharpener which is adjustable to all types and makes of lawn mowers. No danger of making low spots in the blades as with a file, as a long, sweeping stroke with a Bergman grinds the blade evenly. Each \$1.00. Postage 10c. extra.

CIRCULAR TREE SPRINKLER

A new sprinkler, specially designed to water trees at one operation. It saves time, labor, and money. It will water your trees more efficiently than by any other known method.

Made in Three Sizes:

No. 1.	Four feet in diameter.....	\$25.00
No. 2.	Three feet in diameter.....	20.00
No. 3.	Two feet in diameter.....	18.00

AUTO-SPRAY PUMPS

No other style of sprayer will do such a variety of work, and do it so well. We recommend it for tree, shrubs, and vines, greenhouses, poultry houses, hospitals and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

It may be used where any bucket or knapsack Sprayer can be used, and with much more satisfaction. Even those who have commercial orchards and large power Sprayers need the "Auto-Sprayer" No. 1 for small work.



Auto Spray No. 9

No. 9 B. Brass tank, with "Auto-Pop" Nozzle, $3\frac{1}{2}$ gals. Screw locking device..... \$9.25

No. 9 D. Galvanized tank with "Auto-Pop" nozzle..... 6.25

Auto-Spray, No. 50 B. Similar to No. 9, with a capacity of $2\frac{1}{2}$ gals. only..... 8.00

No. 100 B. Brass tank with "Auto-Pop" nozzle. Capacity 5 gals..... 10.50

No. 100 D. Galvanized tank, with "Auto-Pop" nozzle..... 7.00

"Auto-Pop" nozzle with hose and connections 2.00

"Auto-Pop" nozzle..... 1.50

Extension pipe, brass, 2 ft. lengths, each.... .60

Elbow extension, solid brass..... .35

Brass strainer..... 1.50

Set of soft parts for No. 1..... .25

Two row attachment, 1 nozzle..... 1.50



Auto Spray No. 50

AUTO SPRAYER NO. 3

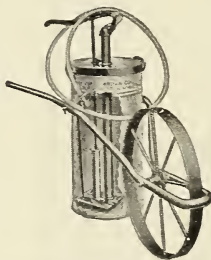
A general purpose sprayer that can be used for any purpose on the farm and garden. It has all steel truck handles and 2-inch face wheel, 8 feet of $\frac{3}{4}$ -in. hose, lever shut-off and screen nozzle.

Auto No. 3C Brass Tank, capacity 12 gals..... \$28.00

Auto No. 3D Galvanized Tank, capacity 12 gals..... 21.00

Auto No. 3E Brass Tank with compressed air chamber. Capacity 12 gals..... 40.00

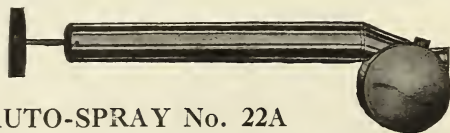
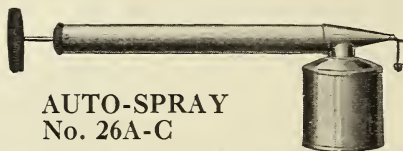
Extension pipes, 2 ft. 8 in..... .50



Auto Sprayer No. 3

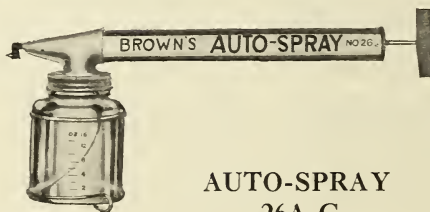
AUTO-SPRAY No. 26A-C

The Auto Spray No. 26 operates continuously on both the up and down stroke and throws a fine misty spray. Two spray caps, one straight and one at an angle for under the leaves. Capacity, 1 quart, 26A tin, \$1.00; 26C brass, \$1.50.



AUTO-SPRAY No. 22A

A single acting hand atomizer. Made from good heavy material. Capacity 1 qt. Pump cylinder, 14 inches by $1\frac{3}{4}$ inches. Length 22 inches. Each 50c.



AUTO-SPRAY 26A-G

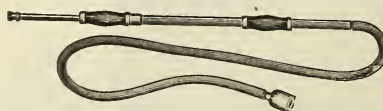
A continuous Sprayer with a glass tank which can easily be cleaned. Capacity one quart. Angle and straight nozzle. Each \$1.25.



NEW ERA SPRAYER

A practical, all round continuous sprayer for garden or household use. The parts can easily be taken apart for cleaning. Capacity three quarts. Price, all brass. No. 23C, \$3.00.

AUTO-SPRAY No. 5



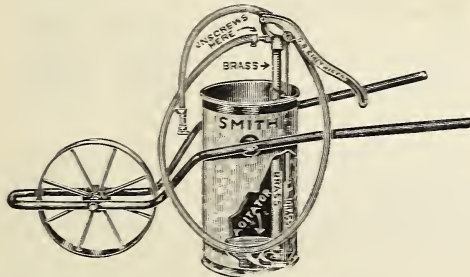
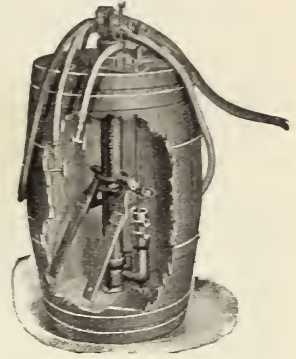
This pump is made entirely of brass, is double acting and will generate a pressure of 150 lbs. Furnished with an extra solid stream cap or long distance nozzle; a heavy strainer on an extension for placing in bucket and $2\frac{1}{2}$ feet $\frac{1}{2}$ -inch hose. Can be used in any pail or container. Each \$4.50. Brass extension rods, each 60c.

"POMONA" BARRELL SPRAY PUMP

Very Powerful and Large Capacity—All Working Parts Bronze

The best orchard barrel Sprayer. It is unusually powerful and of large capacity, fully capable of supplying four leads of hose and eight nozzles. There is nothing about the Sprayer to get out of order, and with ordinary care it will last a lifetime.

Pump , with Agitator and Hose Coupling.....	\$22.00
Outfit C. Pump with Agitator, one lead 15 ft., Discharge Hose, and Mistry Jr. Nozzle.....	28.25
Outfit D. Pump with Agitator, two leads, 15 ft. each. Hose and two two Mistry Jr., Spray Nozzles.....	34.50
Barrel furnished for above and mounting	11.00
Bamboo Extension. 10 ft. long. A brass tube inserted in a bamboo rod. Fitted with brass stop-cock.....	6.00
Iron Pipe Extension. 8 ft. long. Fitted with stop-cock.....	3.50
Barrel Cart. For mounting the above Sprayers. Wheels with 3 in. tires, without barrel.....	18.00



Smith No. 50 Sprayer

SMITH No. 50 SPRAYER

This Wheelbarrow sprayer may be used for spraying, whitewashing or for disinfectants. The pump is all brass, tank brass. Capacity, 12 gal., hose 8 ft. with brass nozzle. Price \$25.00.

JUSTRITE SPRAYER

A very handy sprayer for small work around the garden and whitewashing. Tank 17 in. by 6½ in. Capacity 2 gals. and automatic nozzle. Galvanized tank. Each \$5.00.

BANNER No. 22 SPRAYER

This sprayer is adapted for all spraying purposes, whitewashing and disinfecting. Tank 23 in. by 7½ in., capacity full 4 gals. Automatic nozzle for three different sprays. No. 22 Brass tank, \$9.50.

PARAGON No. 3 SPRAYER

For spraying trees, vegetables, whitewashing or water paints.

Mounted on a strong metal truck and can easily be wheeled to any desirable place. All liquid passes through the automatic, self-cleaning strainer before entering the pump, and cannot clog the nozzle when spraying.

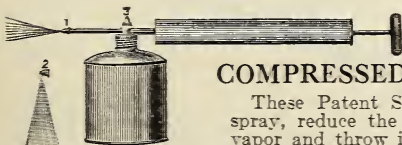
Equipment: 10 ft. Special Spray Hose, 7½ ft. Extension Pipe, one Mist Nozzle, one Steel Cap, one Straight Spray. Any additional length of hose can be furnished at a reasonable extra charge. Capacity, 12 gallons, galvanized tank. Price, \$25.00. Without truck, \$21.50.



Banner Sprayer



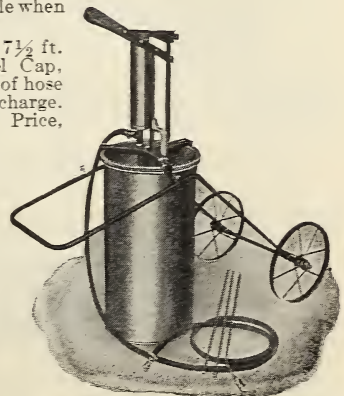
Justrite Sprayer



COMPRESSED AIR SPRAYERS

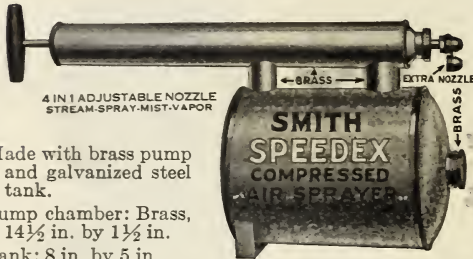
These Patent Sprayers give a continuous spray, reduce the liquid to a fine, mist-like vapor and throw it with great force, so that it is driven into the smallest cracks and crevices. By means of the universal nozzle the spray can be thrown on the underside of the leaves of plants and shrubs.

No. 50 B. Brass pump and reservoir.....	\$2.25
No. 50 C. Brass pump, copper reservoir.....	2.50



Paragon Sprayer No. 3

SPEEDEX COMPRESSED AIR SPRAYER



Made with brass pump and galvanized steel tank.

Pump chamber: Brass, 14½ in. by 1½ in.

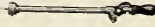
Tank: 8 in. by 5 in.

Nozzles: Brass, for spraying straight ahead or at an angle

Capacity: One gallon. Each \$2.50.

THE MEYER'S POWER SPRAY GUN

MYERS SPRAY GUN.
LONG DISTANCE SPRAY



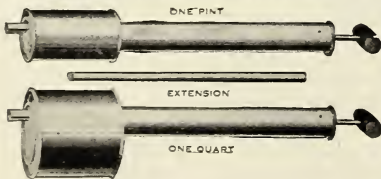
This gun utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles and fittings. It can be adjusted to make a long or short distance spray and is fitted for ¾-inch hose coupling and ¼-inch pipe. Each \$7.00.

BRASS BUCKET SPRAYERS



This Spray Pump is especially designed for spraying in gardens and greenhouses. The pump is double acting in effect, has gutta percha ball valves. Foot piece of discharge hose is wire wound. Each \$6.50.

DUSTER BROWN POWDER GUN



Especially adapted for use in applying insect powders. Length over all, 17 in., with extension 12 in. long.

No. 2 B, pint size, \$1.00; No. 2 C, quart size, \$1.25

DOUBLE BARREL DUST GUN



Will dust all kinds of insecticides; has large dust chamber which is easily filled. Length, 13½ inches. Each 75c.

JIM DANDY HAND SPRAYER



Adapted for spraying vegetables and flowers, small fruits, etc.; also valuable for spraying disinfectants in buildings. Each \$3.50



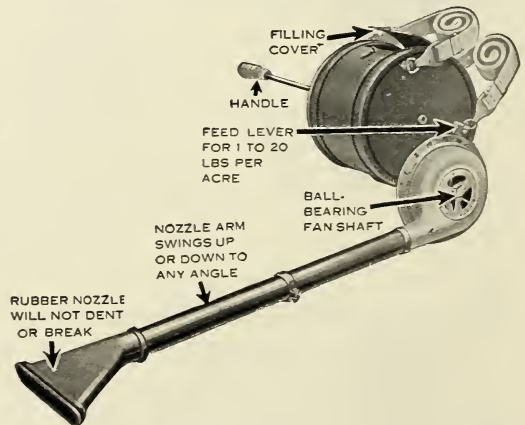
No. 45 STURDY SPRAY PUMP

The sturdy is made with all brass parts, it may be used in pail or can. Four nozzles for all kinds of spraying. Easily operated by one man. Each \$4.50. Extension rods, 24 inches. Each 60c.



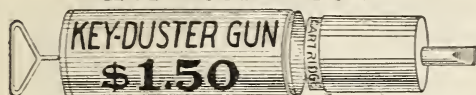
Made with all brass. Tank is double seamed and easily detached for filling. Nozzle for straight or angle spraying. Capacity one quart. Each \$1.25.

THE SAVAGE DUSTER



This Duster is made with the finest material and will stand long, hard service. Capacity 7 to 10 lbs. of powder. Adapted for use in dusting all kinds of plants. Easy to carry and operate. Weight, packed, 15 lbs. Price \$20.00.

KEY DUSTER GUN



The new, quick and easy way of using insecticides and fungicides in the cartridge. No handling or mixing of chemicals and without the use of water.

The gun automatically opens the cartridge and applies the materials to the foliage.

Filling the long felt want for home garden, small orchard. Price \$1.50.

KEY DUSTER CARTRIDGES

These are filled with powder for the Key Duster Gun.

For vegetables and small fruit. B. A. Cartridge.

For flowers and shrubs. Oforo Cartridge.

For fruit and vegetables, nearly ripe. Hellebore Cartridge.

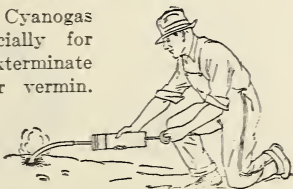
For aphids and many soft-bodied insects. Kaphis Cartridge.

For orchard fruit. L. A. S. Cartridge.

All cartridges 15c. each. Postage extra.

CYANO GAS DUSTER

The No. 1 Special Cyanogas Duster is made specially for using Cyanogas to exterminate rats, moles and other vermin. It has a 10 in. by 2½ in. barrel and an 11 in. rubber extension. Each \$1.50.



CELERY BLEACHERS

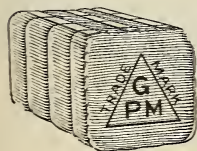
The home grower and private gardener will find this an ideal system of bleaching Celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

It only takes a week or ten days after putting on these bleachers when your Celery will be a beautiful white, and all ready for the table. No banking with soil, no hunting up boards, and it produces better results on early Celery. The same bleachers can be used over and over again the same season.

Size 6½x13 in., 60c. per doz., \$4.50 per 100, \$40.00 per 1000; 7x14, 70c. per doz., \$5.00 per 100, \$45.00 per 1000.

CELERY HANDLER

For putting on bleachers. Each \$1.50.



ELLISCO

BEETLE CATCHERS

This beetle trap is the result of scientific researches on the destruction of the Japanese Beetle. Improvements in the trap simplify its use and increase its efficiency; the vertical wing, with perforated bait lure, attracts and holds even the most elusive of these beetles and holds them directly over the funnel into which they drop. Need be baited only once a season; bait sold separately, with full directions.



No. 2 size, as illustrated, made of galvanized metal, will last for years, \$2.00 each.

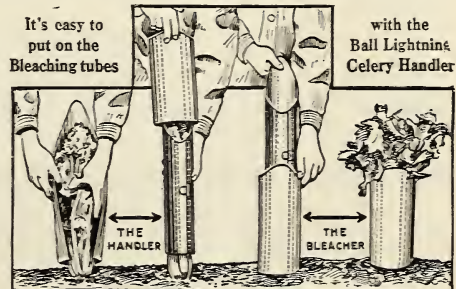
Acme Beetle Bait. ½ pt. can for use with No. 2 trap, 60c.

CELERY BLEACHING PAPER

A patented, flexible, odorless, waterproof material similar in appearance to patent roofing. It completely excludes the light, keeps the stalks clean because no dirt touches them. The strips are easily applied and a great saving of cost and labor over using boards or dirt.

The rolls of bleachers are placed over the holders with a roll on each side of the row, and as they are unrolled the wire arches are placed over the rows to keep the bleaching paper in place.

The rolls are 100 feet long and 12 inches wide. Per roll, including 25 wire arches 42 inches long, \$5.00; handlers, \$1.50 each.



PEAT MOSS. Torf Mull

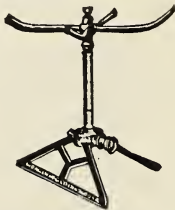
Granulated Peat Moss should be used liberally about the garden or greenhouse, for pot plants, window boxes and growing bulbs, etc. It is also useful for mulching perennial beds, lawns, Roses, etc., and mixing with sandy or clayey soils.

Small bale, enough to cover 16 square ft. 1 inch deep. Weight 11 lbs. Postage extra \$1.50

Large bale, 13 cubic ft., covers 240 square ft. 1 inch deep..... \$5.00

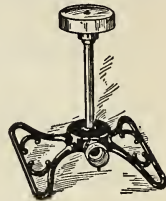
CALIFORNIA SPRINKLER

This is the most popular Sprinkler on the market. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water. Price \$2.50.

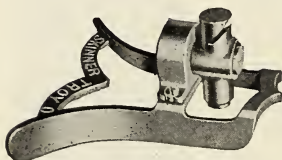


THE LAWN SHOWER SPRAYER

Will throw an even, gentle spray over 25 feet in diameter at a water pressure of about 40 pounds. The nozzle may be directly connected to hose for washing sidewalks. It makes an attractive fountain display. Holder and nozzle complete. Price \$3.00.

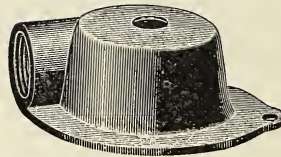


THE TU-WAY SPRINKLER



Can be used as a circle sprinkler or by giving the nozzle a half turn you have a sprinkler for a half circle to use for borders without wetting the sidewalk. Each \$1.00.

"C. B. G." SPRINKLER



The C. B. G. Sprinkler is built on the principle of the tangential spray. Simple in construction and cannot get out of order. Each 40c.

"WATER WITCH" SPRINKLER

This Sprinkler works more satisfactorily with a low pressure of water than any other. No. 4, with stand, \$1.50.

RAIN KING SPRINKLER



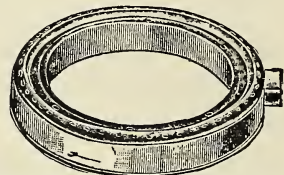
The Rain King is a real innovation in the sprinkler line, and radically different from any other sprinkler ever made. A most wonderful variety of uses. Circular or stationary spray, fine or coarse, fast or slow, large lawn, small lawn, trees, shrubs, flower beds, takes care of them all. Small, compact, easily handled. Simple adjustments. For Putting Greens it is excellent. Each \$3.50.

BRASS FOUNTAIN SPRINKLER

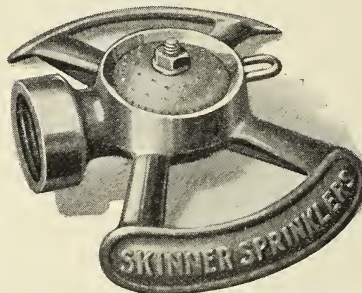
Very simple in construction.

Cannot rust or get out of order.

Will not injure the lawn. Requires only ordinary pressure of water. Price 75c. each.



THE SAUCER LAWN SPRINKLER



The Saucer Sprinkler will cover a circle of from 30 to 50 feet, distributing the water like a refreshing rain. With each sprinkler is a half cap which can be used for a fan-shaped mist over a space of 30 by 20 feet. Simply

remove the full cap and replace the half cap and it is transformed into a half spray. Each 75c.

THE "SKINNER" LAWN MIST SPRINKLER

For lawns, vegetables or flowers this Sprinkler throws the finest mist that can be used out of doors. Mounted on two wheels and a caster. Length 15 feet, five-spray clusters, 36 inches apart. Total 15 nozzles. Each \$14.00, f.o.b. Troy, O.

PEACOCK SECTIONAL SPRINKLER

Made to cover large areas in lengths of 12½ feet. Five-spray clusters, 36 inches between. Total 40 nozzles. Each section mounted on a wheel truck at one end. \$18.00 per section, f.o.b. Troy, O.



ROTO RAIN SPRINKLER

A sprinkler made to water large areas. It stands only nine inches high, made in heavy brass, and gears run in water. The large nozzles travel slowly and the inner arms faster. Each \$16.00.

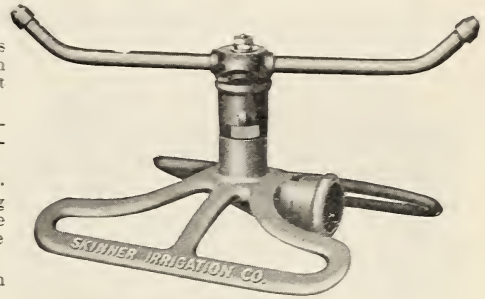
MOR-RAIN SPRINKLER

As a general, all-round sprinkler, a sprinkler that comes nearer to meeting all requirements for the average size lawn than any other sprinkler made, the Mor-Rain is without question the ideal.

It waters both full and half circles. To change from a complete circle to a half circle, just give the nozzle head a half-turn, and the job is done.

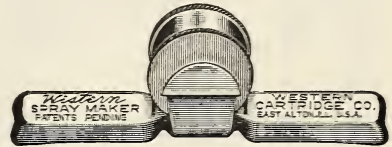
It will throw fine drops of water uniformly over a 50 ft. circle. But you can regulate the area by opening or closing your faucet. The head and arms are made of brass. The base is of iron and weighs 3 lbs. so that it cannot easily be upset. Attractively painted.

Height 8 inches. And like all Skinner sprinklers, Mor-Rain is fully guaranteed. Each \$3.00.



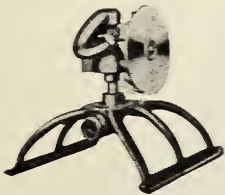
SPRAY MAKER LAWN SPRINKLER

The Lawn Sprinkler that you can move without getting wet. Instead of sprinkling in a circle it sprinkles in a rectangular shape. It can also be used as a hose nozzle if desired. All parts made of solid brass. Each 60c.



DOUBLE ROTARY LAWN SPRINKLER

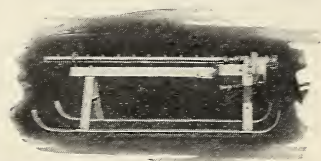
This Sprinkler will cover an area up to 80 feet in diameter, giving an equal distribution over the entire area; it is easily regulated to cover smaller areas. It works best on a water pressure of not less than 30 pounds pressure. The gears of hardened steel and bronze are enclosed and run in oil. \$12.50 each



WATER FAN LAWN SPRINKLERS

Model No. 6 Water Fan. An oscillating sprinkler 18 inches long, with eleven diverging outlet tubes, mounted on a rigid galvanized frame. With a pressure of 30 lbs. it will cover an area 15x50 feet. All gears are enclosed to protect them and provide for soft grease lubrication. Each \$15.00.

Model No. 8 is similar to No. 6, only that it has fifteen outlets, and with a water pressure of 35 lbs. will cover an area of 24x50 feet and is 22 inches long. Each \$18.00.



RAINMAKER LAWN SPRINKLER

This sprinkler is made on the turbine principle, the water coming from the nozzle strikes the turbine paddle on the wheel causing it to revolve. As the turbine wheel revolves it travels around the circular base carrying the jet around about eight times per minute. With a pressure of 40 lbs. it will cover a space of 300 sq. yds. Each \$25.00

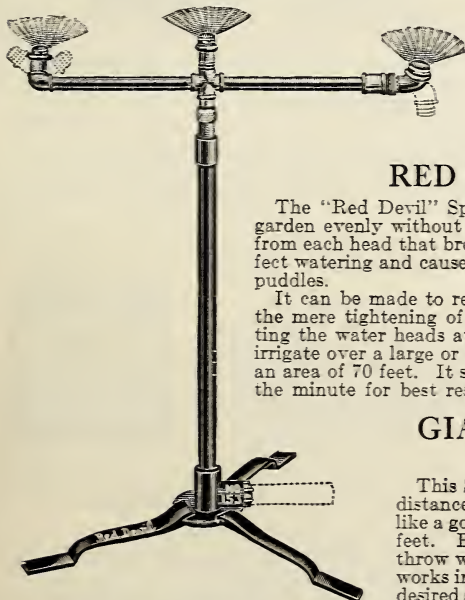
RED DEVIL LAWN SPRINKLER

The "Red Devil" Sprinkler is the only correct method of watering your lawn or garden evenly without waste of water. It sprays perfectly, throwing seven streams from each head that break into a mist-like cloud. This assures perfect watering and causes the water to penetrate instead of laying in puddles.

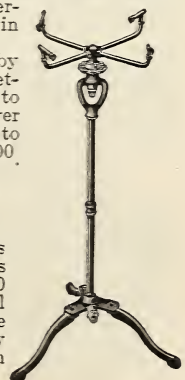
It can be made to revolve at any speed, or made stationary by the mere tightening of the set screw collar below the arms. Setting the water heads at different angles will cause the atomizer to irrigate over a large or small area. When set correctly it will cover an area of 70 feet. It should be regulated to revolve forty times to the minute for best results. **Red Devil, No. 153.** Each \$10.00.

GIANT RAIN KING LAWN SPRINKLER

This Sprinkler is adjustable to height as well as distance, direction and volume of water. It plays like a gorgeous spiral fountain in any circle up to 90 feet. Easily locked so it won't revolve, or will throw water in 1, 2, 3 or 4 directions. Each nozzle works independently, throwing solid stream or any desired spray. It stands 4 feet high and has 20-inch arms. Price \$14.00.

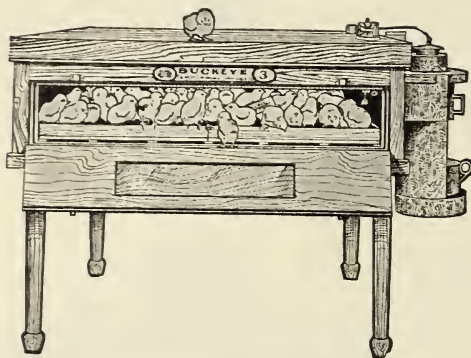


Red Devil Lawn Sprinkler



BUCKEYE INCUBATORS AND BROODERS

All the Buckeye Incubators are hot water heating system and guaranteed to do everything they claim.



BUCKEYE INCUBATORS

No. 14, Style E.	Capacity, 65 eggs.....	\$16.50
No. 16, Style E.	Capacity, 120 eggs.....	27.50
No. 17, Style E.	Capacity, 210 eggs.....	36.75
No. 1, Standard.	Capacity, 120 eggs.....	37.50
No. 2, Standard.	Capacity, 175 eggs.....	44.50
No. 3, Standard.	Capacity, 250 eggs.....	57.75
No. 4, Standard.	Capacity, 350 eggs.....	68.00
No. 5, Standard.	Capacity, 600 eggs.....	107.00

BUCKEYE BROODERS

No. 18. Coal Burner.	Galvanized hover, 42 inches.	Capacity, any number up to 500, \$21.50.
No. 19. Coal Burner.	Galvanized hover, 52 inches.	Capacity, any number up to 1000, \$26.50.
No. 27. Blue Flame Brooder.	Capacity up to 200 chicks,	\$17.50.
No. 28. Blue Flame Brooder.	Capacity up to 350 chicks,	\$20.00.
Descriptive catalog of the above mailed on request.		

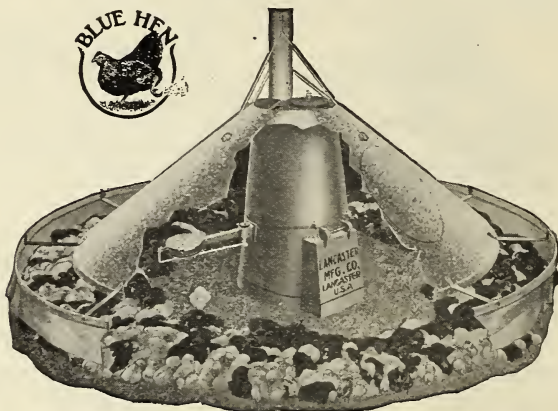
THE BLUE HEN COAL BURNING COLONY BROODER

The Blue Hen is designed right and built right. It is easy to operate and requires but very little attention because of its sensitive automatic regulation. It has extra large coal capacity which enables it to hold the fire from 12 to 15 hours. The cast iron heater is powerful. It heats quickly and holds a steady fire because of its large grate area.

No. 44. Capacity, 500 chicks; diameter of hover, 48 in.; coal capacity, 25 lbs. Price \$21.00.

No. 45. Capacity, 1000 chicks; diameter of hover, 56 in.; coal capacity, 35 lbs. Price, \$26.00.

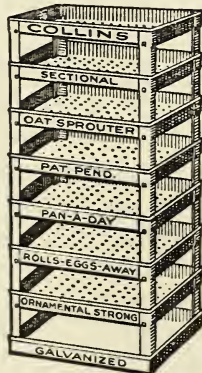
F. O. B. Lancaster, Pa.



COLLINS OAT SPROUTER

The Collins Oat Sprouter is made in units, eight separate pans of galvanized steel. The pans are 11x15 in. and fit on top of each other. The pans are perforated to furnish the right drainage to insure sprouting of all the fertile grain.

Place beside furnace or in warm room and you have a continuous supply of green feed. With eight pans, 11 by 15 in., each \$4.00. With five pans, 11 by 15 in., \$3.00.

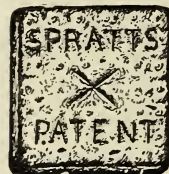


POULTRY SUNDRIES

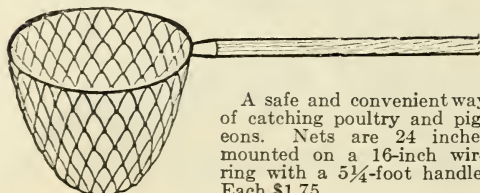
- Egg Preserver.** Water glass. One quart with water for 15 doz. eggs. Gal. \$1.25.
- Nest Eggs, China.** 3 for 10c., doz. 35c.
- Poultry Punches.** Moe's Clip and Punch. Each 30c.
- Thermometers.** Brooder. Each \$1.00. Incubator. "Tyco's." Each \$1.00.
- Hygrometer.** An indicator to show the moisture conditions in the incubator. Each \$1.75.

"SPRATT'S" MEAT "FIBRINE"

Vegetable Dog Cakes. The standard dog food. Used at the leading kennels and dog shows throughout the world. A staple and constant food for all breeds of dogs. Per lb. 20c., 10 lbs. \$1.50, 100 lbs. \$14.00.



POULTRY CATCHING NET



A safe and convenient way of catching poultry and pigeons. Nets are 24 inches mounted on a 16-inch wire ring with a 5 1/4-foot handle. Each \$1.75.

SPIR-OL LEG BANDS

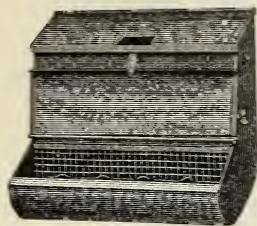
Colors, black, white, blue, amber or ruby.

Made with celluloid in three sizes. 12 for 20c., 25 for 30c., 50 for 50c., 100 for 90c.

State what breed of chicken they are required for when ordering.

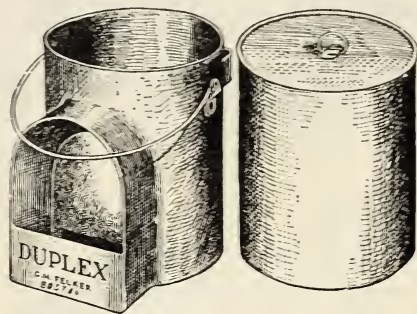


POULTRY FOUNTAINS AND FEEDERS



OAKES HOPPER

Provided with hinged lid over both hopper and trough, making it rat and mouse proof. Height 15 inches by 12 inches long. No. 1, each \$1.75. No. 2, 18 inches long, each \$2.25. No. 3, 24 inches long, each \$2.75.

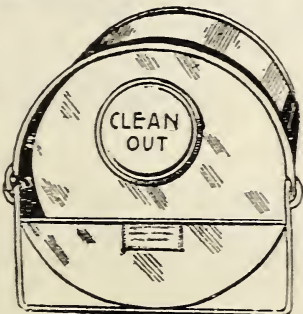


DUPLEX FOUNTAIN

The latest and most practical sanitary fountain on the market. This is a double fount and keeps the water clean and pure. Easy to fill and care for. Each, 4-qt. \$1.15, 8-qt. \$1.40.

"THERMO" FOUNTAIN

This fountain is built to meet the need for a fount that will stay open with reasonable care in Winter, without the aid of any fuel. It is Thermo built and depends on the heat stored in the water in the reservoir chamber, hence in cold weather use hot water. 1 gal. \$2.25, 2 gals. \$2.75.



MOE'S ROUND BABY CHICK FEEDER

SLIDING COVER
MAKES FILLING
EASY



A great food saver, as the little chicks cannot get into it. No. 11 Small size. Each 20c. No. 12 Large size. Each 35c.



RODENT POISON STATIONS



A very effective method of destroying field mice. The Poison Bait is placed in the Glass Station which is accessible only for mice. No other animals can reach it and the bait cannot be destroyed by weather conditions.

Rodent Stations. Each 25c., doz. \$2.50, gross \$20.00.
Poison Bait. Per lb. 35c., 10 lbs. \$3.00, 25 lbs. \$7.00.

"RAT CORN"

A safe and sure exterminator of rats and mice. This is not a poison and can be used without fear when other animals are around.

No smell from the dead rats is detected, as the bodies dry up after death. Sizes 4 oz., 25c.; 8 oz. 50c. and 1 lb. \$1.00. Postage extra.



RAT POISON "ZELIO" PASTE

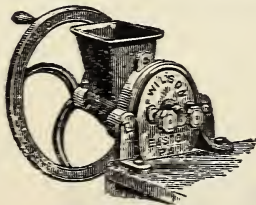
A powerful poison for rats, mice and squirrels. The paste is easily applied to bread and is without taste or odor. 2 oz. tubes, 50c.; 8 oz. cans, \$1.50.

THE JUNIOR CHICK FEEDER



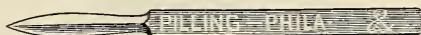
It is practical and sanitary. Will not waste feed. For feeding dry mash, grain, sour milk or water to small chicks. 12 inches long, each 35c.; 20 inches long, each 50c.

GRINDING MILL



This machine will grind dry bones, shells or grain, either fine or coarse. It will make excellent grit out of old crockery, melted glass, etc. Hand wheel 22 in. Hopper 2 1/2 x 3 1/4 x 4 in. Weight 33 lbs. To bolt on table or bench. No. 1, \$7.50.

POULTRY KILLING KNIVES



Made with finely tempered steel, with nickel handle. Each 65c.

EGG BOXES AND CRATES

SELF-LOCKING EGG BOXES



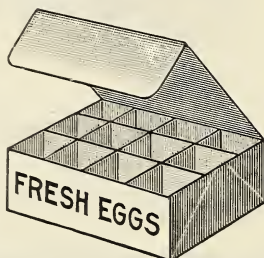
Made with best quality card board. Ventilated and self-locking. 25 for 60c., 100 for \$2.25. 1000 for \$20.00.

FOLDING PAPER EGG BOXES

Convenient for carrying a dozen eggs to local customers. Doz. 25c., 50 for 70c., 100 \$1.20, 1000 \$10.00.

EGG CASE FILLERS

Full cushion fillers for cases of eggs. Regulation 2x6 style. 50 for 85c., 100 \$1.60, 1000 \$15.00.



SURETY CUSHION WOODEN EGG CRATES

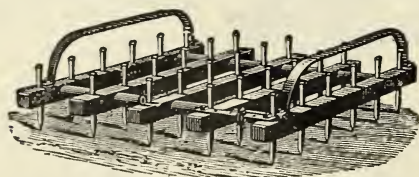


Easier and quicker to pack than ordinary egg crates. The trays are inverted one above the other which hold the eggs from coming in contact with each other. Two-doz. size, each \$1.50; 4-doz. size \$1.80; 6-doz. size \$2.10; 8-doz. size \$2.40; 10-doz. size \$2.60; 15-doz. size \$3.25.

Extra Filler Sets, 12-egg size, doz. \$1.50, 100 \$8.00, 24-egg size, doz. \$2.00, 100 \$12.00.

When ordering extra fillers, kindly state what size egg crate they are wanted for.

GARDENER'S HARROW

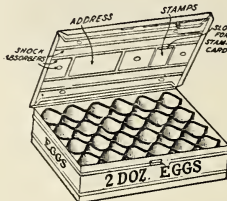


Designed for one horse, convenient to handle and get around garden plots, etc.

25 teeth with runners.....\$13.00
30 teeth with runners..... 14.00

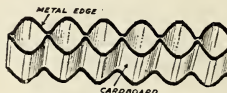
Buy eggs by mail from your country friends
shipped in aluminized

METAL EGG CRATES



Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying eggs by mail. Light in weight but strong.



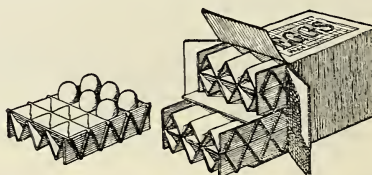
Reversible address cards are placed over eggs, address visible through opening in lid. Names of shipper and receiver are placed on each side of this card.

Write us about Butter-Egg Crates.

	Prices	Prices
2-dozen size.....	\$1.50	6-dozen size.....\$2.50
3-dozen size.....	1.75	9-dozen size..... 3.25
4-dozen size.....	2.00	12-dozen size..... 4.00

Add postage for 3 lbs. to the price for each 150 miles if wanted by mail.

SURETY CUSHION EGG BOX

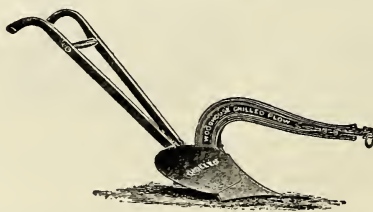


A simple and safe box for delivery of eggs by Parcels Post. Simple in construction, easily assembled, and the most scientifically constructed egg carrier on the market.

Doz. size.....each 25c., doz. \$2.50, 100 \$18.00
2 doz. size.....each 30c., doz. \$3.00, 100 \$20.00

Extra Filler Sets, 1-doz. size, each 15c., doz. \$1.50, 100 \$8.00; 2-doz. size, each 20c., doz. \$2.00, 100 \$10.00.

ONE-HORSE GARDEN PLOW



No. 6 iron beam, wood handles; cuts a 3- to 6-inch deep furrow and 7 to 10 inches wide. Weight 65 lbs.
No. .6 Price, with extra point, \$13.00; with wheel \$2.00 extra.



Growell Fibre Pot

GROWELL FIBER POTS

These pots are composed of a material entirely organic in nature. They act as insulators protecting the plants from weather changes and atmospheric conditions. It absorbs and retains moisture that results in rapid root development and healthy plant growth. The roots will penetrate the pots preventing plants becoming pot bound. In transplanting, both pot and plant should be plunged in the ground.

	Doz.	100	1000
No. 2—Size 2 in.	\$0.60	\$3.00	\$20.00
No. 22—Size 2 3/4 in., 4 in. deep. ....	.65	3.50	22.50
No. 3—Size 3 3/4 in. ....	.65	3.50	22.50
No. 4—Size 4 in. ....	.70	4.00	25.00
No. 5—Size 5 in. ....	.90	5.00	35.00
No. 6—Size 6 in.	1.10	6.50	50.00

Add 15c. per dozen if wanted by mail.

FERGUSON'S SPRAYER



Three roses—fine, medium and coarse. Recommended for syringing under the foliage of plants where force is needed to keep down red spider, etc. Made of brass and screwed on the end of any 3/4 inch hose, \$8.00

DU PONT SEMESAN

Semesan is the most effective all-purpose seed and plant disinfectant on the market. The use of this remarkable mercuric compound, either in dust or liquid form, not only provides disease control, but accelerates seed germination, invigorates seedling growth, insures sturdier stands and produces larger, more beautiful flowers, foliage and vegetable crops.

Semesan will control such disease organisms as "damping-off" of seedlings, stem rot of Carnations and root rot of Violets, which are borne in the greenhouse, coldframe and seed bed soils. When choice tubers or bulbs have been cut accidentally or in separation, **Semesan** will protect them from storage molds or rots. It is being increasingly used for the disinfection of cuttings, graftings, tools and general equipment used in agricultural operations.

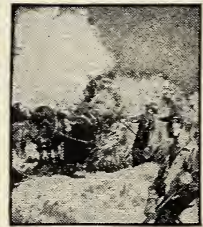
Descriptive booklets upon request.

Prices: 2 oz. 60c., 8 oz. \$1.60, 1 lb. \$2.75, 5 lbs. \$13.00. Postage extra.



Inoculate Your
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and
Other Legume Crops
WITH
Mulford Cultures
FOR LEGUMES

Small Cost Large Returns Easy to Use No Labor Expense



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria for inoculating seeds of legumes or soil.

Mulford Cultures are "different" and should not be confused with other brands.

Legumes offer the best known means of maintaining soil fertility and rejuvenating overcropped and wornout fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

The U. S. Dept. of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for:

Alfalfa Lucerne	Red Clover	Cow Peas	Vetch	Garden Peas
Crimson Clover	Alsike Clover	Soy Beans	Velvet Beans	Garden Beans
Sweet Clover	Bur Clover	Peanuts	Sweet Peas	Lima Beans

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

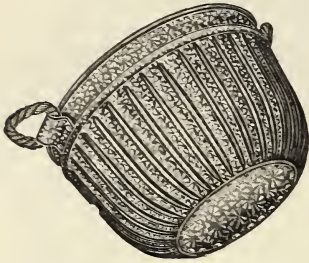
Garden Size for Peas, Beans, Lima Beans and Sweet Peas, 25c.

For Large Seeds, Soy Beans, Cow Peas, etc. 1 bus. size 60c., 2 bus. size \$1.00, 5 bus. size \$2.25, 10 bus. size, \$4.00.

For small seeds, Alfalfa, Clovers, etc., 1/2 bus. size 60c., 1 bus. size \$1.00, 2 1/2 bus. size, \$2.25, 5 bus. size \$4.00
Free descriptive folder sent upon request.



GALVANIZED BASKETS



This basket will give longer and better use than any other basket. The bottoms are double thickness, securely riveted and the top has a steel bar rolled in the top edge.

Useful for vegetables, rubbish and all kinds of garden or farm work.

Also for carrying water, washing pots in, or mixing insecticides.

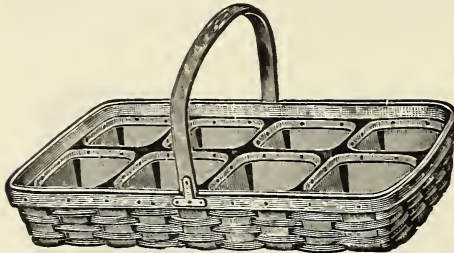
	Each
No. 0. $\frac{3}{4}$ bushel.....	\$2.00
No. 1. 1 bushel.....	2.50
No. 2. 2 bushels.....	3.00

GARDENERS' BASKETS

Adapted for gathering Fruits, Vegetables, Flowers and other purposes around the garden or greenhouse.

Made with splint and bamboo bound with metal straps Very strong and durable.

No. 1 size 19 in. x $11\frac{1}{2}$ in. x 7 in. deep.....	\$2.00
No. 2 size $20\frac{1}{2}$ in. x 13 in. x 7 in. deep.....	2.25
No. 3 size 23 in. x $14\frac{1}{2}$ in. x 8 in. deep.....	2.50
No. 4 size 24 in. x $15\frac{1}{2}$ in. x 9 in. deep.....	2.75
No. 5 size 30 in. x 20 in. x 11 in. deep.....	3.25



FLOWER AND FRUIT BASKETS

A handy basket for gathering flowers, vegetables and fruits.

Medium size, No. 2, 20 x 12 x $3\frac{1}{2}$ in.....	Each \$1.25
Large size, No. 3, 24 x 12 x $3\frac{1}{2}$ in.....	Each 1.50



STRAWBERRY BASKETS

Useful for gathering strawberries and raspberries. Pint size. Per 100 \$1.25. Per 1000 \$11.00. One quart size. Per 100 \$1.50. Per 1000 \$13.00. 2 quart size per 100 \$3.00. 3 quart size per 100 \$3.50 4 quart size per 100 \$4.00.

GENERAL FARM BASKETS

Made with best oak splint, reinforced with hoops. Handy for carrying leaves, rubbish, wood, coal, etc.

1 bushel size.....Each	\$2.00	2 bushel size.....Each	\$3.00
$1\frac{1}{2}$ bushel size.....Each	2.50	3 bushel size.....Each	3.50



PICKING BASKETS

Used for gathering apples, pears and other varieties of fruit $\frac{1}{2}$ bushel size with drop handle, each \$1.25.

FLOWER GATHERING BASKET

A well made willow basket, $16\frac{1}{2}$ inches long, 3 inches deep in the center, and 10 inches wide; 10-inch bow handle with holder for scissors on the side. Each \$4.00.

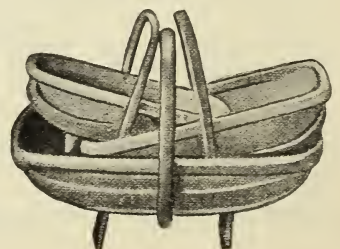
ENGLISH GARDEN BASKETS

Made with wood with strong wooden handle and feet. Handy for cut flowers and vegetables.

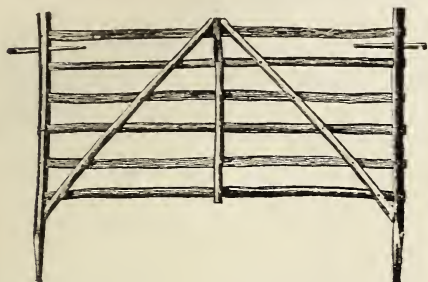
No. 2 $11\frac{1}{2}$ in. long 6 in. wide.....	Each \$1.25
No. 4 15 in. long 8 in. wide.....	Each 2.00
No. 6 $18\frac{1}{2}$ in. long 10 in. wide.....	Each 2.50
No. 8 23 in. long 12 in. wide.....	Each 3.75

RUSTIC HANGING BASKETS

Made from laurel roots, elegantly finished and rattan handle. These baskets cannot be equaled in style, finish or make. They will stand severe weather, and with a little care are good for 10 to 12 years' wear. Each, 10 in., \$2.25; 12 in., \$2.50; 15 in., \$3.50.



PORTABLE WOOD HURDLES



They are suitable for inclosing and dividing lots or plots to suit any requirement on a gentleman's country seat, or for farmers' use in general. Made with split chestnut. They measure 8 ft. 3 in. in length.

With 4 bars, suitable for horse and cows, per 100 \$225.00.

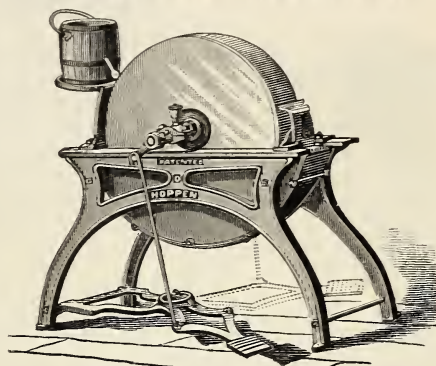
With 5 bars, suitable for sheep, per 100 \$235.00.

4-bar Hurdle Gate, 10 ft. long, each \$5.75.

5-bar Hurdle Gate, 10 ft. long, each \$6.50.

Prices subject to change. F.O.B. Dutchess Co., N.Y.

THE HOPPEN GRINDSTONE



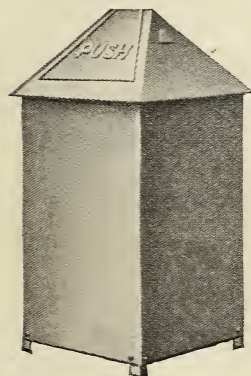
► The frame is all iron and is very rigid. Every private estate should have one of these grindstones on hand.

No. 0 Stone, 24x2½ in., with handle, treadle, bucket and shield pan.....\$45.00

No. 1, Stone, 24x3 in., with handle, treadle, bucket and shield pan..... 48.00
F. O. B. Belleville, N. J.

SOLAR RECEPTACLES

Very useful for collecting papers, refuse, etc., about the buildings, roads and drives.



Cat. No.	Size of Base Inches	Body Height Inches	Height Over all Inches	Capacity Gallons	Inner Containers Furnished	Standard Finishes	Each
5	9x9	14½	19	4½	25 paper bags	French Grey	\$5.50
10	11½x11½	18¼	24¼	9½	25 paper bags	or	6.00
12	11½x11½	27¾	34	18	1 galv. can	Olive Green	8.75
15	11½x11½	35	41¼	23	1 galv. can		9.25
30	16x16	26¾	35	27	1 burlap bag	Green or	9.50
50	21x21	35	46¼	65	1 burlap bag	Grey	19.25
40	16x16	30½	39	31	1 burlap bag	Green	16.25
60	21x21	36¾	47¾	65	1 burlap bag	Green	22.00

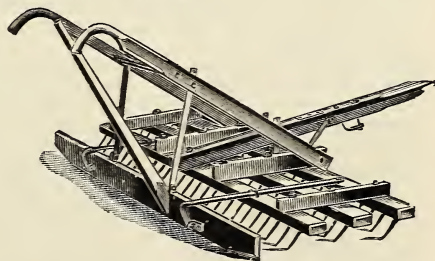
SMOOTHING AND LEVELING HARROW

With this tool every field can be made as smooth and the soil pulverized fine enough for a flower bed. This harrow is also a great road maker. One man, with team, can make a perfect trotting track of any road. It is adjustable with a lever, by which the entire action is controlled by the driver, and he can remove at will all the earth possible for the team to haul, taking it from hills or uneven places and putting it into hollows to level up the field.

No. 6, one-horse, 6 ft., weight 140 lbs., \$27.25

No. 8, two-horse, 8 ft., \$31.50.

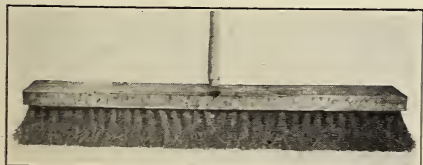
For other styles of Harrows see our Farm Equipment Catalogue.



FIBRE TENNIS BROOMS

This Broom is made with fiber and is used for dragging Tennis Courts to smooth them after use or rain. Made in 36-inch width only. Each \$6.00.

For other **Tennis Court** and **Golf Equipment** ask for our Catalogue of **Golf Course** and **Tennis Court Equipment**. Mailed on request.



INSECTICIDES

AGRI-PAX. A new contact insecticide, founded upon the toxic principle of Pyrethrum. It will kill Japanese Beetle, Rose Beetles, Aphids, Thrips, etc. One of the best sprays for Dahlias. Quart tin \$1.00, gal. \$3.50, 5 gals. \$12.00.

ANSECT (Rose Bug Killer). Highly effective when used on Rose Bugs, many hard-bodied insects, Red Spider, Mealy Bug, and other garden pests. Use one part in thirty to fifty parts of water. Will not discolor the foliage of plants or affect the flowers. A thorough spraying is essential. 4 oz. 30c., pint \$1.00, gal. \$5.00.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, caterpillars, scale and other insects and blights. Use one part to forty parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., qt. \$1.00, gal. \$3.00.

Antrol



The Antrol System exterminates the commonly known "house ant"—the species that infests kitchens and eats food and sweet substances. Unlike ordinary control methods it destroys the entire ant colony at the source.

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden.

Prices—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup, \$1.00; Antrol extra containers (each), 15c; Antrol syrup, 4-oz. bottle, 50c; pints, \$1.00.

ANT GELATIN, "Marvel." An effective remedy for destroying ants Tin 50c.

ARSENATE OF LEAD, Powdered. Better than Paris Green and does not burn foliage. Can be used either wet or dry for dusting. With water use 1 lb. to 15 or 25 gals. Lb. 50c., 5 lbs. \$2.25, 10 lbs. \$4.00, 25 lbs. \$8.50, 100 lbs. \$30.00.

AXFIXO. A nicotine preparation for thrips on Dahlias and other plants. 5-lb. can \$3.00.

BORDO-LEAD. See Key-Cide.

BORDEAUX MIXTURE, Powder. 12 per cent copper. Used same as Bordeaux Mixture, also for dusting dry. For spraying use 1 lb. to 8 gals. water. Lb. 40c., 5 lbs. \$1.80, 10 lbs. \$3.00, 25 lbs. \$6.50, 100 lbs. \$23.00.

BUG DEATH. Is extensively used for Cabbage and Tomato worms, Potato and Cucumber bugs. Lb. 25c., 3 lbs. 60c., 5 lbs. 90c., 12 $\frac{1}{2}$ lbs. \$1.75.

CATTLE COMFORT. Protects cattle, dogs, etc., from flies and other insects. Gal. \$2.50.

CARBOLA. A disinfecting germ-killing white paint. Used instead of whitewash for stables, chicken coops, dairies, cellars, etc. 10 lbs. make 10 gals. 5 lbs. 75c., 50 lbs. \$5.50.

CED-O-FLORA. A perfect contact spray for Mealy Bug, Red Spider and Scale. One gallon makes 26 gallons spray. Gal. \$7.00.

COPPER SOLUTION. For mildew, Pear and Apple scab, rust on Carnations and Violets. Qt. \$1.50, Gal. \$4.00.

CUT WORM KILLER. This is a coarse powder for sprinkling near the plants to be protected. It is harmless to birds or chickens. 1 lb. is sufficient for 175 plants or 100 ft. of drill. Lb. 50c., 5 lbs. \$2.00 25 lbs. \$7.50.

CYANOGAS, G Grade Fumigant (Calcium Cyanide). For fumigating greenhouses, mushroom beds and soils. 1 lb. 75c., 5 lbs. \$3.00.

CYANOGAS, Grade A Dust. Used destroying aphids, white fly and other insects, also exterminating moles, rats, ants, etc. 1 lb. 75c., 5 lbs. \$3.00, 25 lbs. \$10.00, 100 lbs. \$30.00.

CYANOGAS DUSTER.

No. 1, each \$1.45.

EVER GREEN. A non-poisonous insecticide. A very effective spray for all kinds of insects. Harmless to animals or birds. Recommended for the Japanese Beetle. One pound makes 100 gals. spray. 1 oz. 35c., 6 oz. \$1.00, 1 lb. \$2.00, 2 lbs. \$3.50, gal. \$13.00.

M-G-K

EVER GREEN

NON-POISONOUS INSECTICIDE



FORMALDEHYDE. A useful fungicide for Potato scab, rosette in Lettuce, Onion smut and fungus in soil. For Potatoes, use 1 lb. to 30 gals. of water and soak the tubers about 1 $\frac{1}{2}$ hours before planting. Lb. bottle 40c.

FUNGINE. An infallible remedy for mildew and other fungus diseases. Qt. \$1.00, gal. \$3.00.

Fungtrogen

FUNGICIDE FERTILIZER

A complete spray for mildew and black spot on Roses. It will not disfigure the leaves or petals. Pint \$1.25, qt. \$2.00, gal. \$6.00.

GRAPE DUST. For prevention of mildew on Roses, Grapes, Gooseberries, etc. 5-lb. pkg. 90c., 10 lbs. \$1.75, 100-lb. keg \$16.00.

HELLEBORE POWDER. For rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Lb. 55c., 5 lbs. \$2.50.

IMP SPRAY SOAP. Effective against green fly, aphids, red spider and thrips. Mix with 12 parts of water for spraying. Gal. \$3.00.

Insectrogen

TRIPLE SERVICE
FUNGICIDE - INSECTICIDE - FERTILIZER

A complete spray, fungicide and fertilizer combined. Use for all leaf eating insects, red spider and mildew. Pint \$1.75, qt. \$2.75, gal. \$8.00.

KAYSO. Used to keep spray from washing off and prevent injury to foliage. 2 lb. 65c., 100 lbs. \$30.00

KEY-CIDE POWDER (Bordeaux and Arsenate). A combined insecticide and fungicide. Kills bugs and prevents blight, rot, mildew and fungus. Can be used for wet spraying or dusting for fruits, vegetables and flowers, 1 lb. makes 7 gals. liquid. Lb. 45c., 5 lbs. \$2.25, 10 lbs. \$4.00, 25 lbs. \$9.00, 100 lbs. \$32.00.



KEROSENE MISCIBLE OIL, Key Brand. Valuable against all soft-bodied insects. Contains 80 per cent. Kerosene. Qt. 75c., gal. \$2.00, 5 gals. \$7.50, 50 gals. \$45.00.

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. Qt. \$1.00, gal. \$3.25.

Insecticides if wanted by parcels post add postage at zone rates.

INSECTICIDES—Continued



LIME SULPHUR, Dry. Used for all scale insects as a dormant spray. Has all the effectiveness of Liquid Lime Sulphur and is much easier to handle. 1 lb. makes from 4 to 10 gallons. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.00, 100 lbs. \$18.00.

LIME SULPHUR, Liquid. For spraying fruit trees, etc. 5 gals. \$4.75, 30 gals. \$15.00, barrel, 50 gals. \$22.00.

MAG-O-TITE. For control of root maggot on Cabbage, Radish and other root crops. 1 lb. 50c., 5 lb. \$1.50, 25 lbs. \$5.00, 50 lbs. \$9.00.

MELROSINE. The general contact insecticide that kills rose bugs and other insects. Dilute with 20 to 25 parts of water. Pleasant and harmless to use; guaranteed effective when used according to directions on can. Pt \$1.00 gal. \$6.00

MO-LO. Poisoned tablets for moles and field mice. Box 25c

NICO-FLAME LIQUID. For spraying or fumigating. Does not stain or injure the blooms. Lb. \$2.25, lbs \$7.00, 8 lbs. \$12.00

NICO-FLAME PAPER. Extra strong tobacco paper for burning. 144 sheets \$5.50, 288 sheets \$9.50.

NICO-FUME POWDER. A specially prepared tobacco powder fumigant to destroy aphids, thrips, etc., in greenhouses. 10-lb. can \$7.50.

NICOTINE SULPHATE "Black Leaf 40." For aphids, thrips, etc., 1-oz. bottle 35c., ½ lb. \$1.50, 2 lbs. \$4.50, 10 lbs. \$15.00

PARA-DICHLORO-BENZINE. Krystal Gas. The best remedy for Peach tree borers. 1-lb. tin 75c., 5 lbs. \$3.50.

PARIS GREEN. For potato bugs, etc. Lb. 60c., 5 lbs. \$2.55.

PYROX. Bowker's Paste. Kills all leaf-eating insects and prevents blights and fungous troubles, without injury to fruit or foliage. Sticks like paint and rain don't wash it off. Lb. 50c., 5 lbs. \$2.00, 10 lbs. \$3.50, 25 lbs. \$7.50, 50 lbs. \$12.00, 100 lbs. \$20.00.



PYROX, Powdered. A dry form of Pyrox that is more convenient to handle. Can be used for dusting or mixed with water as a spray. It will keep indefinitely in containers. 1 lb. 65c., 5 lbs. \$2.75, 25 lbs. \$12.00, 100 lbs \$30.00.

RADIO BLIGHT SOAP. For blight, smut, red spider and fungoid diseases, use 1 lb. to 5 gals. water. Lb. \$1.25.

SCALE DESTROYER, TARGET (Soluble Oil). Dormant spray for San Jose, and Oyster Shell Scale. Most effective for Leaf Roller. Spray for tree infesting scale and most soft bodied sucking insects. 5 gals. \$6.50, 30 gals. \$26.00, 50 gals. \$38.00.

SCALECIDE. For San Jose scale and spraying all kinds of trees. Qt. 75c., 1-gal. can \$1.75, 5 gals. \$6.50, 30 gals. \$27.00, 50 gals. \$38.00.

SEMESAN. The well known plant disinfectant for rots, damping off, etc. 2 oz. 60c., 8 oz. \$1.60, 1 lb. \$2.76, 5 lbs. \$13.00.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. 1-lb. cartons 20c., 5-lb. pkg. 60c., 10 lbs. \$1.20, keg of 125 lbs. \$13.00.



SNAROL. A new prepared meal for cutworms, slugs, snails, sow bugs and grasshoppers. Harmless to vegetation. 1-lb. carton 50c., 3 lbs. \$1.50, 15 lbs. \$3.75, 50 lbs. \$11.50.

SULPHUR, Powdered. A staple preventive for mildew on Grapes, Roses, etc. Lb. 15c., 10 lbs. \$1.00, 25 lbs. and over 9c. per lb.

TEROGEN. Used for destroying the spores of fungus diseases in the soil. It also acts as a fertilizer and preventative against black spot, aphides and beetles. 1 lb. 75c., 2 lbs. \$1.25, 5 lbs. \$2.75, 10 lbs. \$4.75, 25 lbs. \$11.00, 100 lbs. \$40.00.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. 1 lb. will make a band 7 to 8 feet long. Lb. can 60c., 5 lbs. \$2.75 10 lbs. \$5.25, 20 lbs. \$10.00.

TREE WOUND PAINT, Key Brand. Prevents decay. A penetrating antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops trees bleeding and prevents decay. Qt. \$1.20, gal. \$3.00, 5 gal. \$13.00.

TOBACCO DUST. Destroys Rose lice, Cabbage and Turnip fleas, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$4.50.

TOBACCO DUST FOR FUMIGATING. Used for burning in place of stems. 50 lbs. \$3.50, 100 lbs. \$6.00.

TOBACCO STEMS FOR FUMIGATING. Clean and free from rubbish. In bales of 100 lbs. \$3.50.

VERMINE. For all soil vermin, such as cut, eel, or wire worms, slugs, root lice and ants. ½ pt. 40c., pt. 65c., gal. \$3.00.

VOLCK. A scientific insecticide for greenhouse and garden use. Effective against scale, mealy bug, red spider, aphides, thrips and flies. Qt. \$1.00, gal. \$3.00, 5 gals. \$12.50.



WHALE or FISH OIL SOAP. Kills lice and sucking insects on trees, shrubs, plants, vines and Roses. Lb. 40c., 5 lbs. \$1.70, 25 lbs. \$7.00.

WORM ERADICATOR. Used for killing worms at the roots of trees, plants and putting greens. 5-gal. kegs \$20.00, 10 gals. \$35.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide in concentrated form. Useful for outside and greenhouse spraying. ½ pt. 40c., qt. \$1.00, gal. \$3.00, 5 gals. \$12.00, 25 gals. \$50.00, 50 gals. \$90.00.

WILSON'S SCALE-O. The complete dormant spray for scale, bud moth, pear psylla, canker, etc. Gal. \$2.00, 5 gals. \$9.00, 10 gals. \$15.00, 30 gals. \$33.00, 50 gals. \$50.00.

X. L. ALL INSECTICIDE. A well-known English insecticide. Original gallon cans, each \$10.00.

X.-L.-ALL VAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cu. ft., No. 3, \$3.00; bottle sufficient for 20,000 cu. ft., No. 2, \$5.00. Fumigators for above, \$2.00 each.

ZENKE'S FUNGICIDE. Effective remedy for leaf spot, rust, mildew and black rot. Gal. \$4.00.

ZENOLEUM. A valuable disinfectant and destroyer of insects in chicken houses, stables, etc. Gal. \$2.00.

FERTILIZERS

BONE MEAL

This bone meal is made from the best quality of bone and finely pulverized. Valuable for top dressing lawns, Roses, flowers and vegetables. Apply about 1,000 lb. per acre or 5 lbs. to 100 sq. ft. 5 lbs. 50c., 10 lbs. 90c., 50 lbs. \$2.50, 100 lbs. \$4.50, 200 lbs. \$8.00, ton \$65.00.

BONE, COARSE

A coarse grade, well adapted for Grape vine and Rose borders. 100 lbs. \$6.00.

BLOOD AND BONE

It is of value for garden crops, fruit trees, Grape vines, etc. For garden crops, drill in 300 to 500 lbs. per acre. 50 lbs. \$3.50, 100 lbs. \$6.50.

BON ARBOR

This plant food has a wonderful effect on plant life. It is good for flowering plants of all kinds, vegetables, fruits and shade trees, lawn, etc. 5-lb. pkg. \$2.50, 50 lbs. \$18.00.

CARNATION FOOD

This Carnation food is not a chemical stimulant, but an evenly balanced ration to produce a natural growth, vitality and productiveness. 100-lb. bag \$6.00.

CATTLE MANURE (SHREDDED)

A natural fertilizer for garden crops and lawns 100 lbs. \$4.50, ton \$70.00.

CHARCOAL

Useful for sweetening sour soils or mixing with potting soil. Coarse or fine. 100 lbs. \$5.50. Very coarse, per bag \$5.00.

CLAY'S FERTILIZER

Highly recommended by leading horticulturists in the cultivation of flowers, fruits and vegetables for exhibition, etc. 56 lbs. \$7.50, 112 lbs. \$14.00.

DAVIDGE'S MANURE

A well-balanced plant food for gardens, vegetable and flower gardens. 100 lbs. of this manure will do the work of a load of stable manure without its odor or weed seeds. Use 100 lbs. to 1,250 square feet or as liquid a 6-inch pot full to 50 gals. water. 100-lb. bag \$9.00, f.o.b. New York; 500 lbs. \$40.00, f.o.b. Ballston, Spa, N. Y.

DRIED BLOOD

For top dressing, mixing with the soil and applying in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$9.00.

FLORANID (UREA)

An organic nitrogen fertilizer for flowers, fruits, vegetables or lawns. A quick acting stimulant containing 46% of available nitrogen. 1 lb. tin 50c., 10 lbs. \$2.50, 50-lb. bag \$9.00.



FERTILIS TABLETS

A concentrated fertilizer in tablet form, easy to use, clean and odorless. 100 tablets 25c., 1,000 tablets \$2.00.

HUMUS

Valuable for all garden purposes, including lawn and greenhouse plants. 100-lb. bag \$2.00, 500 lbs. in bags \$7.00, ton in bags \$25.00, f.o.b. Warbasse, N. J.

LIME, HYDRATED

For correcting acids in soils use 8 lbs. for 30 sq. ft. of ground. 5 lbs. 30c., 10 lbs. 50c., 50 lbs. \$1.50, 100 lbs. \$2.25, ton \$30.00.

LIMESTONE, GROUND

A very finely screened ground Limestone. Useful for sour soils and to correct improper conditions of the soil. Ton \$10.00, f.o.b. West Stockbridge, Mass. or Lime Crest, N. J.

NITRATE OF SODA

It is valuable for grain, Corn, Beets, Potatoes, grasses, Peas, Beans, Clover, etc. Being extremely soluble it should not be applied until the plants are above ground. 1 lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

NITROPHOSKA

A new, complete concentrated fertilizer adapted to all crops, fruits and lawns. It is water-soluble and is completely available. It contains 15% Nitrogen, 30% Phosphoric Acid and 15% Potash. A total plant food of 60% or three times the value of a 6-10-5 fertilizer. 2 oz. 10c., 1 lb. 35c., 10 lb. \$2.10, 50 lbs. \$6.00.



PULVERIZED SHEEP MANURE

A rich, pure and natural manure. Excellent as a top dressing for lawns, and mixing with the soil for greenhouse plants—one part manure and six parts soil. 5-lb. pkg. 50c., 10 lbs. 90c., 50 lbs. \$2.25, 100 lbs. \$4.00, ton \$65.00.



ROSE FOOD (SPRINGFIELD)

Contains just what is needed for the Rose. It is a properly, balanced, organic Rose food and entirely takes the place of bone meal, sheep manure or tankage. It stimulates the vitality of the plant and produces a larger crop of more perfect blooms. 10 lbs. \$1.00, 25-lb. bag \$2.00, 100-lb. bag \$6.00.

SALT, AGRICULTURAL

Used for top dressing Asparagus beds, etc. 100 lbs. \$2.00.

SMITH'S CHRYSANTHEMUM MANURE

For Mums, Roses, Carnations, Sweet Peas and other greenhouse plants. 50-lb. bags \$5.50.

SOOT, IMPORTED SCOTCH

A fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. Bags of 100 to 150 lbs. 7c. per lb.

SUPERIOR PLANT FOOD

Feed your plants new life and beauty with Stadler's SUPERIOR Plant Food. Universal in its year-round use. Use it on potted ferns or plants, Roses, hardy shrubs, trees and lawn. Just dissolve a teaspoonful in the watering pot every time you sprinkle the garden. Clean and odorless. 25c., 50c. and \$1.00 cans.



STIM-U-PLANT

A plant food in tablet form for fertilizing all kinds of growing plants in the home or garden. Tablets should be used in the soil or dissolved in water and applied to the soil. 30 tablets 25c., 100 tablets 75c., 1000 for \$3.50.

SULPHATE OF AMMONIA, "ARCADIAN"

For lawns, home gardens and fruits. This brand is especially prepared for top dressing, is soluble and quickly available. 10 lbs. \$2.00, 25 lbs. \$3.75.

Purchaser pays transportation charges. All prices are subject to market changes.

FERTILIZERS—Continued

SULPHATE OF ALUMINA

Used for Rhododendrons, Azaleas, Laurel and other shrubs that require an acid soil. 200 lb. bbl. \$7.50, ton \$70.00.

THOMSON'S TOP DRESSING MANURE

A special English top dressing manure to be used as a stimulant during the growing season for pot plants and benches. 25 lbs. \$4.50, 56 lbs. \$8.00.

THOMSON'S VINE AND PLANT MANURE

A well-known English fertilizer. Valuable for Grape vines and fruit trees grown under glass and outside garden purposes. 56 lbs. \$6.50, 112 lbs. \$12.00.

TOBACCO FERTILIZER

A double action product—a natural fertilizer and insecticide. Controls aphids, cutworms and all soft-bodied insects. 100-lb. bag \$2.50, ton \$45.00.

TREE FERTILIZER

Used in the Spring for fertilizing trees. It is best applied by making holes with a crowbar to reach the roots. Bag of 167 lbs. \$6.00, ton \$70.00.

VIGORO (SWIFT'S)

A specially prepared plant food for lawns, flowers, shrubbery and trees. Vigoro has no unpleasant odor and can be conveniently applied at any time. 5 lbs. 60c., 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

**WOOD ASHES**

For lawns, gardens and fruits, hardwood ashes are unequaled; 1 to 2 tons per acre. 100 lbs. \$3.00, ton \$50.00.

MARSHALL'S "GROW-ALL" FERTILIZER

Grow-All Fertilizer is composed chiefly of organic matter (blood, bone, etc.), which are the best known available elements for plant growth and make a well balanced fertilizer for lawns, vegetables, flowers and root crops. It is strictly high-grade, dry and free from objectionable odor. For lawns and general crops, apply $\frac{1}{2}$ to $\frac{3}{4}$ ton per acre, or 10 lbs. to 200 square feet. Bags of 100 lbs. \$4.50, 500 lbs. \$20.00, ton \$70.00.

AMERICAN AGRICULTURAL CHEMICAL CO. FERTILIZERS**"AGRICO" FERTILIZER FOR CORN**

Suitable for Corn, garden crops, small fruits, etc. Ammonia, 3 per cent; available phosphoric acid, 10 per cent; potash, 6 per cent. 100 lbs. \$3.00, ton \$50.00.

"AGRICO" FERTILIZER FOR POTATOES

Suitable for Potatoes, root crops and garden truck. Ammonia, 4 per cent available phosphoric acid, 8 per cent; potash, 6 per cent. 100 lbs. \$3.50, ton \$55.00.

"AGRICO" FERTILIZER FOR TRUCK

A general fertilizer for farm and garden crops and Potatoes. Ammonia, 5 per cent; available phosphoric acid, 10 per cent; potash, 5 per cent. 100 lbs. \$3.50, ton \$60.00.

ACID PHOSPHATE

For mixing with other fertilizers to increase the phosphoric acid content. For farm crops, 16 per cent available phosphoric acid. 200 lbs. \$3.00, ton \$25.00.

MURIATE OF POTASH

For Potatoes, Corn, grain, etc. Analysis, 48 per cent K 2 O. 100 lbs. \$5.00, 200 lbs. \$9.00.

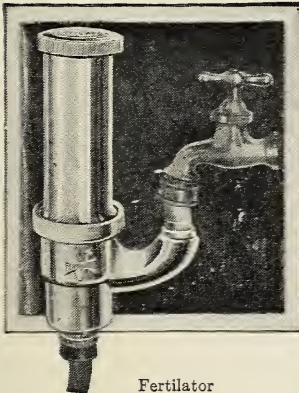
SULPHATE OF AMMONIA

Used for top dressing crops. Ammonia, 24 per cent; nitrogen, 16 per cent. 100 lbs. \$6.00, 200 lbs. \$10.00.

SULPHATE OF POTASH

Used for root and grain crops. Analysis 48 per cent. K 2 O. 100 lbs. \$5.50, 200 lbs. \$10.00.

All the above fertilizers are offered, f.o.b. factory at Carteret, N. J.



Fertilator

"ADCO" ARTIFICIAL MANURE

A simple preparation for making stable manure from garden refuse, grass clippings, weeds, leaves, vegetable tops, etc. It contains nothing injurious to health or animal life, is odorless and weed free.

Refuse can be piled in a heap or pit and with "Adco" added to the refuse, causing the bacteria to rot and make manure. Fifty pounds of Adco makes a ton of well rotted manure.

Adco, in 25-lb. bags, enough for 12 wheelbarrows of waste or $\frac{1}{2}$ ton of manure. Each \$2.00.

Adco, in 150-lb. bags, enough to make 3 tons manure. Each \$10.50, f.o.b. Warners, N. J.

FERTILATOR

The Fertilator is attached to the faucet in watering lawn, gardens or greenhouse. The water passing through dissolves the Fert-O-Stick at the base evenly, giving a uniform strength at all times.

Galvanized Fertilator, with 3 Fert-O-Sticks, each \$5.00. Fert-O-Sticks, $\frac{1}{2}$ doz. in box. Per box \$2.25.

WEED KILLERS

KEY WEED KILLER. Destroys weeds in paths, roads and gutters. Dilute one part Weed Killer to forty parts water. Does not discolor cement or stone. Qt. 75c., gal. \$2.00, 5 gals. \$7.50, 30 gals. \$35.00, 50 gals. \$50.00.

HERBICIDE WEED KILLER. A liquid preparation for the killing of every kind on roadways, paths, gutters, tennis courts. One gal. makes 40 gals. liquid. Gal. \$2.00, 5 gals. \$7.50, 10 gals. \$14.00, 30 gals. \$35.00, 50 gals. \$50.00.

WILSON'S WEED KILLER. Kills all plant growth. It is a clean, odorless highly concentrated liquid. When diluted with water—1 part Weed Killer to 40 or 50 parts of water, it is a sure death to all weeds. Qt. 75c., gal. \$2.00, 5 gals. \$8.00, 10 gals. \$15.00, 50-gal. drum \$50.00.

"HERBICIDE"
THE WEED EXTERMINATOR



INFORMATION of INTEREST to EXHIBITORS at FLOWER SHOWS

For the guidance of exhibitors at Flower Shows; Horticultural Exhibits; Country Fairs, etc.; we have compiled the following "POINT SCHEDULES" which are now universally used in the judging of the various exhibits at such shows.

CARNATIONS

	Pts.		Pts.
Color.....	25	Substance.....	15
Size.....	20	Form.....	10
Calyx.....	5	Fragrance.....	5
Stem.....	20		

CHRYSANTHEMUMS

	Pts.		Pts.
Color.....	40	Substance.....	20
Form.....	20	Stem and Foliage.....	20

DAHLIAS

	Pts.		Pts.
Color.....	20	Stem and Foliage.....	25
Form.....	20	Size.....	20
Substance.....	5		

GLADIOLUS

The following schedule of points is frequently used in judging exhibits of gladioli.

	Pts.
Color.....	20
Size.....	25
Form.....	25
Stem and Foliage.....	15
Substance.....	15

SCALE OF POINTS BY WHICH PLANT EXHIBITS MAY BE JUDGED

No. 1—Single Specimen Foliage Plants		Pts.
Size of Plant.....	25	
Cultural Perfection.....	35	
Distinctiveness.....	15	
Rarity.....	15	
Form.....	10	

100

No. 2—Single Specimen Flowering Plants		Pts.
Size of Plant.....	20	Floriferousness.....15
Cultural Perfection.....	35	Color.....10
Rarity.....	10	Foliage.....10

IRIS		
Highest Rating 10		Pts.
Stalk and Height.....	1	Texture and Substance.. 2
Number of Branches....	1	Color.....1
Number of Buds.....	1	Fragrance.....1
Size and Carriage.....	2	

PEONIES

The following points of merit are suggested as a basis in judging Peonies.

The Maximum Rating is 10		Pts.
Color.....	2	
Size and Shape of Flower.....	2	
Texture and Substance.....	2	
Carriage.....	1	
Stem and Foliage.....	1½	
Fragrance.....	1½	

ROSES (Cut Flowers)

	Pts.
Size.....	15
Color.....	20
Stem.....	20
Form.....	15
Foliage.....	15
Substance.....	15

SWEET PEAS

	Pts.
Quality of Bloom.....	60
Artistic Arrangement.....	30
General Effect.....	10

The Sweet Pea or other foliage can be used with the flowers unattached and flower stems must be free of wood, unless otherwise specified. Wiring of flowers or stems will be allowed on table decorations only.

No. 3—Groups of Foliage Plants		Pts.
Distinctiveness.....	20	
Cultural Perfection.....	20	
Rarity.....	10	
Arrangement or Staging.....	40	
Color Effect.....	10	

100

No. 4—Groups of Flowering Plants		Pts.
Accessories.....	10	Arrangement.....40
Rarity.....	10	Color Harmony.....15
Cultural Perfection.....	15	Foliage.....10

SCALE OF POINTS FOR JUDGING ARTISTIC ARRANGEMENTS

	Pts.		Pts.
Distinction.....	20	Relation of Flower to Receptacle.....	20
Color Harmony.....	20	Perfection of Arrangement.....	20
Proportion.....	20		

SCALE OF POINTS TO BE USED IN JUDGING VEGETABLES

No. to form a dish or to be exhibited in collection		Pts.	No. to form a dish or to be exhibited in collection		Pts.	No. to form a dish or to be exhibited in collection		Pts.
Artichoke, Globe.....	6	100	Celery.....	6	100	Peppers, red, green or red and green.....	9	65
Artichoke, Jerusalem.....	12	50	Celeriac.....	6	55	Potatoes.....	9	100
Asparagus.....	25	100	Cucumber, frame.....	2	100	Pumpkin.....	2	25
Beans, string, green.....	40	100	Cucumber, outdoor.....	6	50	Radishes.....	12	35
Beans, string, yellow.....	40	80	Chicory.....	6	35	Rhubarb.....	6	50
Beans, Lima.....	24	100	Corn, sweet.....	6	100	Salsify.....	12	45
Beans, runner.....	24	75	Egg Plant.....	3	90	Scorzonera.....	12	45
Beets, long.....	6	90	Endive.....	6	80	Spinach.....	10	35
Beets, round.....	6	90	Horseradish.....	6	35	Sprouts, Brussels.....	40	75
Cauliflower.....	3	100	Kohl-Rabi.....	6	50	Squash.....	2	25
Cardoon.....	3	60	Leek.....	6	90	Shallots.....	24	25
Cabbage.....	3	50	Lettuce.....	3	90	Tomatoes.....	10	100
Cabbage, Savoy.....	3	50	Mushrooms.....	18	100	Turnip.....	6	40
Cabbage, red.....	3	50	Onion.....	6	100	Vegetable Marrow.....	2	25
Carrot, long.....	6	90	Okra.....	12	70	Arrangement.....		150
Carrot, short.....	6	65	Parsnip.....	6	90			
			Peas.....	40	100			



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MARSHALL'S MATCHLESS SEEDS

Vegetable Seeds for Planting in Hotbeds in March

BEANS
BEETS
EARLY CABBAGE
EARLY CARROT

CAULIFLOWER
CELERY
EGGPLANT
ENDIVE

KOHL-RABI
LEEK
LETTUCE
ONION

PARSLEY
PEPPER
RADISH
TOMATO

Seed Sowing and Planting Table for Vegetables for Home Gardeners in New York and Vicinity

Variety of Vegetable	Time to Sow Open Ground	No. of Days required to Germinate	Time Required for Maturity from Date Sown	Distance Planting		Amount of Seed etc., Required	Depth to Plant
				Apart in row	Rows Apart		
ARTICHOKE, Globe...	May			2-3 ft.	2-3 ft.	½ oz. for 100 ft. row	1-2 in.
ARTICHOKE, Jerusalem	April			1-2 ft.	2-3 ft.	Peck for 100 ft. row	3 in.
ASPARAGUS, Seeds...	April & May	20 to 25	3 to 4 years			2 oz. for 100 ft. row	1-2 in.
ASPARAGUS, Roots...	April			1 ft.	2 ft.	100 for 100 ft. row	3-5 in.
BEANS, Dwarf...	May to Aug.	6 to 10	45 to 75 days	3 in.	2 ft.	1 qt. for 150 ft. row.	½-2 in.
BEANS, Pole and Lima	May to June	6 to 10	65 to 100 "	3 ft.	4 ft.	1 qt. for 100 hills...	1-2 in.
BEETS...	April to Aug.	7 to 10	60 to 75 "	4 in.	1 ft.	½ oz. for 100 ft. row	1-2 in.
BORECOLE (Kale)...							
For Spring use...	Aug. & Sept.	6 to 10	85 to 120 "	2 ft.	2½ ft.	½ oz. for 100 ft. row	½ in.
For Fall use...	June	6 to 10	85 to 120 "	2 ft.	2½ ft.	½ oz. for 100 ft. row	½ in.
BRUSSELS SPROUTS...	April to July	6 to 10	100 to 120 "	1½ ft.	2½ ft.	¼ oz. for 100 ft. row	½ in.
CABBAGE, Early...	April	6 to 10	100 to 125 "	1½ ft.	2 ft.	¼ oz. for 100 ft. row	½ in.
CABBAGE, Late...	May to June	6 to 10	120 to 180 "	2½ ft.	2½ ft.	¼ oz. for 100 ft. row	½ in.
CARROT, Early...	April	10 to 15	65 to 85 "	4 in.	1½ ft.	½ oz. for 100 ft. row	½ in.
CARROT, Late...	May to July	10 to 15	100 to 120 "	5 in.	2 ft.	½ oz. for 100 ft. row	½ in.
CAULIFLOWER, Early	April	6 to 10	100 to 115 "	1½ ft.	2½ ft.	¼ oz. for 100 ft. row	½ in.
CAULIFLOWER, Late...	May & June	6 to 10	100 to 135 "	2 ft.	3 ft.	¼ oz. for 100 ft. row	½ in.
CELERY...	April	12 to 20	125 to 150 "	6 in.	3 to 5 ft.	¼ oz. for 100 ft. row	½ in.
CHERVIL...	April & May	6 to 10		broadcast.	20 in.	1 oz. for 100 ft. row	1 in.
CORN, Sugar...	May to July	8 to 10	60 to 100 "	3 ft.	4 ft.	1 qt. for 200 hills...	1-2 in.
CRESS, Curled...	April	4 to 6	30 "	broadcast.	1 ft.	½ oz. for 100 ft. row	on surface
CUCUMBER...	May to July	6 to 8	60 to 85 "	4 ft.	4 ft.	1 oz. for 60 hills...	1-2 in.
EGGPLANT...		10 to 14	125 to 160 "	2½ ft.	2½ ft.	¼ oz. for 100 ft. row	½-1 in.
ENDIVE...	April to Aug.	6 to 10	75 to 100 "	1 ft.	1 ft.	1 oz. for 100 ft. row	½-1 in.
HORSE RADISH...	April & May			14-20 in.	2½ ft.	70 roots for 100 ft.	3-4 in.
KOHL-RABI...	April to July	6 to 8	65 to 85 "	1 ft.	2 ft.	¼ oz. for 100 ft. row	½ in.
LEEK...	April & May	6 to 10	120 to 160 "	6 in.	1½ ft.	¼ oz. for 100 ft. row	1 in.
LETTUCE...	April to Aug.	6 to 10	75 to 100 "	1 ft.	1 ft.	¼ oz. for 100 ft. row	½ in.
MELON, MUSK...	May to June	6 to 10	90 to 120 "	4 ft.	4 ft.	1 oz. for 60 hills...	1-2 in.
MELON, WATER...	May to June	8 to 12	100 to 125 "	8 ft.	8 ft.	1 oz. for 30 hills...	1-2 in.
ONION Seed...	April & May	6 to 10	120 to 150 "	3 in.	1 ft.	½ oz. for 100 ft. row	½-1 in.
ONION Sets...	April & May			3 in.	1 ft.	3 pts. for 100 ft. row	1-2 in.
PARSLEY...	April & May	18 to 24	90 to 100 "	4 in.	1 ft.	¼ oz. for 100 ft. row	½ in.
PARSNIP...	April	12 to 18	100 to 150 "	6 in.	1½ ft.	½ oz. for 100 ft. row	½-1 in.
PEAS, Wrinkled...	April to July	5 to 10	50 to 75 "	2 in.	2 to 4 ft.	1 qt. for 150 ft. row.	2-3 in.
PEAS, Smooth...	April to Aug.	5 to 10	50 to 65 "	2 in.	2 to 4 ft.	1 qt. for 150 ft. row.	2-3 in.
PEPPER...		10 to 14	135 to 150 "	2 ft.	2½ ft.	½ oz. for 100 ft. row	½ in.
POTATOES...	April to June	15 to 25	75 to 100 "	10 in.	2½ ft.	1 pk. to 100 ft. row.	4 in.
PUMPKINS...	May to June	6 to 10	100 to 125 "	8 ft.	8 ft.	1 oz. for 50 hills...	1-2 in.
RADISH...	April to Sept.	4 to 6	25 to 50 "	2-4 in.	1 to 1½ ft.	1 oz. for 150 ft. row.	½-1 in.
RHUBARB ROOTS...	April & May			3 ft.	3 to 5 ft.	33 plants for 100 ft.	2-3 in.
SALSIFY...	April	6 to 10	100 to 150 "	4 in.	1 ft.	½ oz. for 100 ft. row	1 in.
SPINACH...	April to Sept.	6 to 12	60 to 75 "	4 in.	1 to 1½ ft.	1 oz. for 200 ft. row.	1-2 in.
SQUASH, Summer...	May to July	6 to 10	60 to 75 "	4 ft.	4 ft.	1 oz. for 50 hills...	1-2 in.
SQUASH, Winter...	May to June	6 to 10	100 to 125 "	8 ft.	8 ft.	1 oz. for 50 hills...	1-2 in.
TOMATO...	June	6 to 10	125 to 150 "	3 ft.	3 ft.	½ oz. for 100 hills...	½-1 in.
TURNIP...	April to Sept.	4 to 7	60 to 75 "	6 in.	1 to 1½ ft.	½ oz. for 100 ft. row	¼-½ in

Insecticides to Use for Insects and Fungous Diseases

Insects that suck the juices from Plants and Foliage. In powder form, use Slug Shot, Hellebore or Tobacco Dust. In liquid form for spraying, use Aphine, Black Leaf 40, Kerosene Miscible Oil, Lemon Oil or Whale Oil Soap.

Insects that eat the Plants or Foliage. In powder form use Slug Shot, or Arsenate of Lead Powder. In liquid form use Ansetto, Aphine, Arsenate of Lead, Paris Green, or Whale Oil Soap.

Scale on Hard Wood Trees. Spray with Scale Killer, Scalecide, Lime Sulphur or Wilson's Plant Spray.

Fungous Diseases. Spray with Bordeaux, Fungine or Pyrox. Dust with Bordeaux or Grape Dust.

Underground Insects. Cut Worm Killer, Tobacco Dust or Vermine.

QUANTITIES OF FERTILIZERS TO USE

Bone Meal. 5 lbs. to 100 sq. ft.; ½ to 1 ton per acre.

Blood and Bone (Tankage). 300 to 500 lbs. per acre.

Lime, Hydrated. For lawn, 100 lbs. to 400 sq. ft., 1 ton per acre on light soils; 2 tons per acre on heavy soils.

Nitrate of Soda. 1 oz. to 2 gals. water; 100 to 200 lbs. per acre.

Sheep Manure. 1 lb. to 5 gals. of water, 500 to 600 lbs. per acre.



1929

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